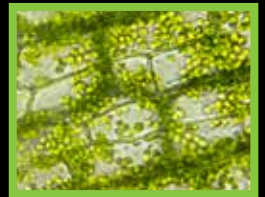
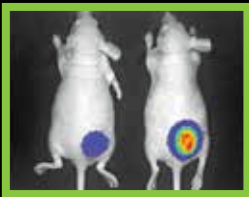




PRODUCT CATALOG VOL. 24



DISCOVER MORE

ABOUT GOLDBIO



PROVEN & PUBLISHED REAGENTS SINCE 1986

We believe scientists have the intelligence, curiosity and drive to solve some of the world's biggest problems, and it's for that reason we strive to do our part in making science more accessible. We do this by maintaining low prices, by operating with integrity, by listening to our customers and by providing resources and information to enable you to confidently carry your experiments.

Since 1986, GoldBio has been your resource for high-quality, lab-tested reagents in a variety of life science research areas. We continue to look toward the future with hope as we send out our products with the intent that they will be used in great discovery. We are a small company dedicated to the success of those we supply.

Commitment to Quality:

We are dedicated to providing you with the highest-quality products. We test our products from our network of trusted global suppliers to assure they meet our quality specifications. We stand behind all of our products knowing that our reputation lies on the success of your experiments.

HISTORY

During the 1980s, GoldBio was created with the belief that researchers needed a low-cost, high-quality alternative for chemicals and reagents. Harnessing business and marketing acumen, the idea was to create a company that would create its own niche, market and sell essential products at below-market prices during a time when startup incubators were nearly unheard of, and the Internet, social media and crowdfunding didn't exist.

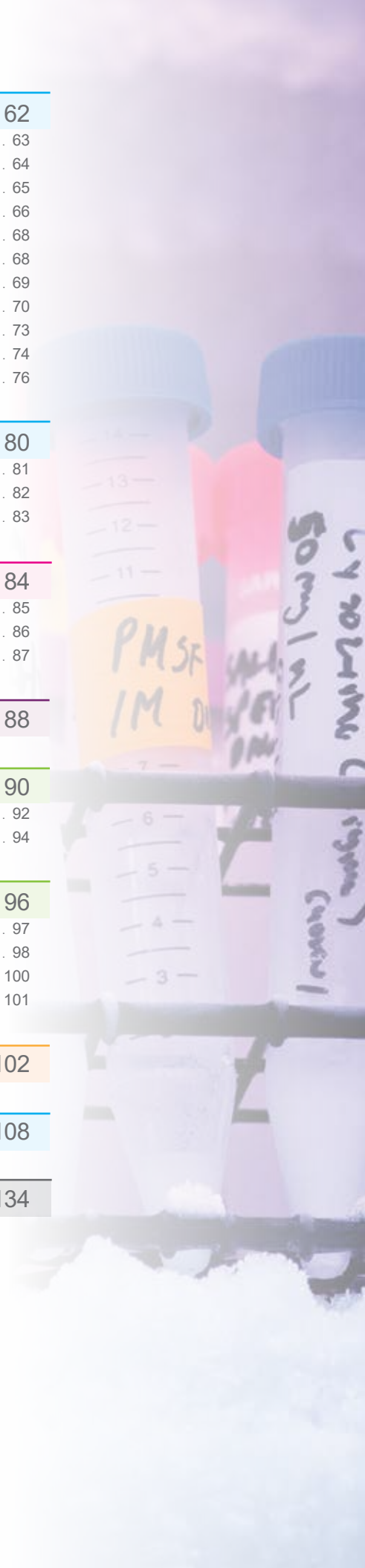
The original main office was situated in the former St. Louis Technology Center (now the location for the St. Louis Science Center), while the first lab space was located at St. Louis University. The ambitious startup began its journey selling three products: IPTG, X-Gal and X-Gluc.

Now, after more than 30 years, GoldBio has evolved significantly, expanding its catalog from three products to more than 3000 products. Throughout its history, GoldBio's success has relied on its commitment to the success of those whom we supply. At GoldBio, we believe that putting our quality products in capable hands leads to discoveries that impact the entire world.

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GREEN BUSINESS IS
GOOD BUSINESS

GOLDBIO

SUSTAINABILITY INITIATIVES

The only way to conduct business is fairly and honestly. Our core values guide how we do business and how we consider the environment. We believe that acknowledging how everyday business practices impact the world we live in is crucial to our shared future.

Since its inception, GoldBio has put sustainability measures in place, and we continue to adopt new environmentally friendly strategies into our processes.

Ambient Ground Shipping For Most Products



Most of our products ship safely at ambient temperatures. Therefore our standard shipping option for most products is ground at ambient temperatures making items that need to be shipped on ice the exception, rather than the other way around.

Ambient ground shipping reduces unnecessary waste that comes from Styrofoam coolers and blue ice. Furthermore, ground shipping eliminates airplanes from the equation, drastically reducing our carbon footprint.

Biodegradable & Recyclable Packing Material



GoldBio uses sustainable packing material, and continues to explore other ways to increase sustainability, limit waste and reduce our environmental impact. Our packing peanuts are biodegradable, and our shipping boxes are made from recycled material. Furthermore, our shipping boxes are recyclable.

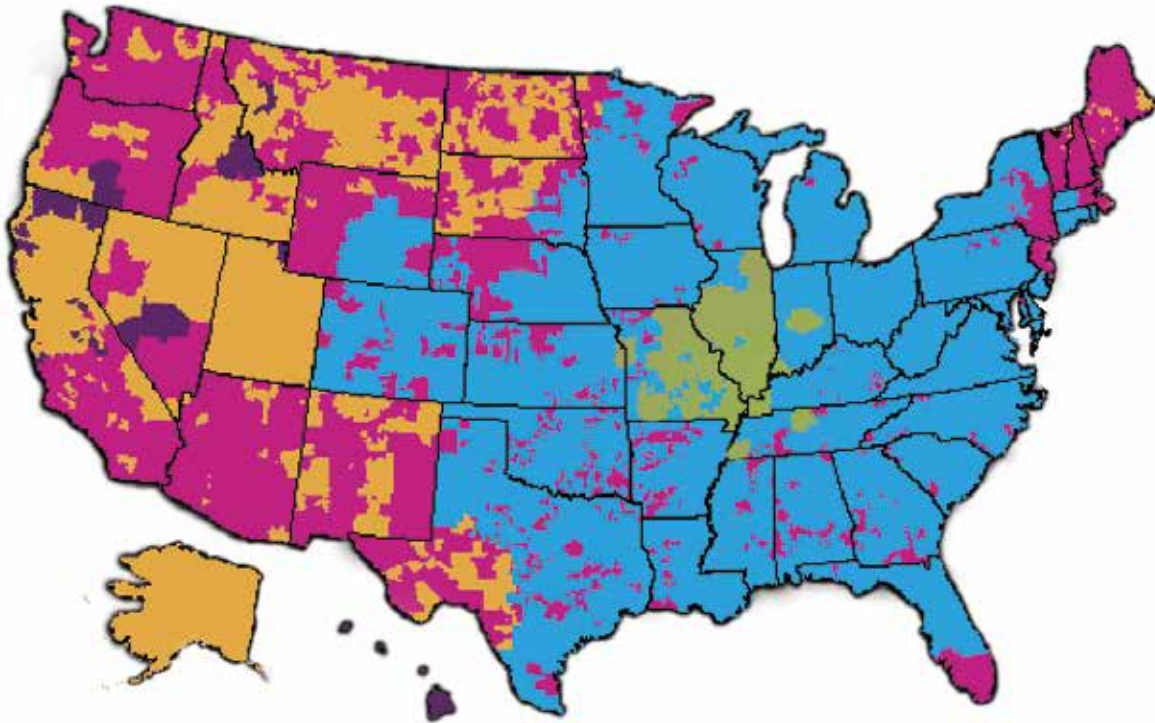
Internal Efforts



Within the office, we also do our part in a number of small ways. This includes recycling everything that can be recycled, reusing old containers and other goods, using a water fountain to refill cups and bottles, and using real utensils rather than disposable.



SHIPPING & ORDERING INFORMATION



1 Day



2 Days



3 Days



4 Days



5+ Days

Please Note:

This map is only a representation of shipment times to commercial destinations. In limited areas, transit times may differ between shipments to commercial and residential areas. This illustration represents service schedules in business days as of January, 2024.

Placing Orders

Web

Visit www.goldbio.com

Email

Email contactgoldbio86@goldbio.com

Phone

(800) 248-7609

Orders can be placed between
9:00 AM - 5:00 PM CST (Mon - Fri).

Fax

(314) 890-0503

Orders can be placed 24/7. Orders placed
after business hours will be processed on the
next business day.

Account Manager

Your GoldBio account manager can help you
with orders and quote requests. Contact your
account manager by email or phone.

OEM & Bulk Inquiries

Call: (800) 248-7609

Email: contactgoldbio86@goldbio.com

Terms

Net 30 days (USD)

Return Policy

General Policy

Most new, unopened products received directly
from Gold Biotechnology can be returned
within 30 days for a full refund. **We cannot
accept the return of any competent cells
due to their sensitive nature.**

Products must be in the condition you received
them, in the original box and packaging, and
must be returned using the same shipping
method as the original shipment. Some orders
are considered "special orders" and are not
covered by this return policy. Gold Biotechnol-
ogy will notify you if your product is a special
order and obtain confirmation from you prior
to processing the order. For further questions
please call our office at (800) 248-7609.

Shipping

Processing & Cutoff Times

In-stock orders placed before 3:45 PM CST are
processed and shipped same day. Email notifi-
cation will be sent for backorder items.

Shipping Service & Delivery

Products ordered direct through GoldBio are
shipped from our St. Louis headquarters. Many
products ship ground. Refer to the ground
service map on the left side for delivery time
estimation. Please note that this map is a only
a general representation, and delivery times
may vary.

Shipping Cost

Ground within the continental US: \$12.99

Second day air: ~ \$36.00

Next-day air: ~ \$56.00 depending on location.

GoldBio's shipping charges and terms are
subject to change.

How Products Are Shipped

GoldBio ships most products at ambient tem-
peratures by second day or ground service
(ground service available in the continental US
only). Some products require next-day shipping
with blue or dry ice. Any vital shipping informa-
tion is listed with the product on our website.
Please note, in the summer months, we may
ship some products by next-day air in order to
minimize exposure to heat conditions. In addi-
tion, during the summer months, we prefer not
to ship products over the weekend. We will give
the customer the option to request next-day air
delivery if you place an order on Thursday.
Temperature-sensitive orders placed on Fri-
day, in general, will not ship until the following
Monday.

Please Note:

This catalog is only a guide. For full, up-to-date information and pricing, please visit www.goldbio.com. All information, terms and conditions are subject to change at the discretion of Gold Biotechnology.

NEW LAB STARTUP PROGRAM



New Lab Startup Program

Setting up a new laboratory can be an overwhelming job. We know first-hand how difficult the process of planning, organizing and sourcing supplies can be.

But we're here to minimize some of these challenges with our New Lab Startup Program. Just send us a list, get a quote and reorder at a discounted rate for six months.



Benefits

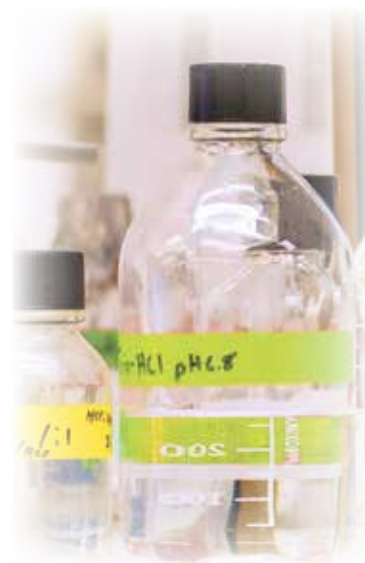
- Just send your quote request, and we take care of the rest.
- Get long-lasting exclusive savings.
- High-quality products, at affordable prices.
- Fast delivery - products ship from the Midwest.



How It Works

1. Complete the form online at: www.goldbio.com/lab-startup
2. Send your product list, and we'll provide you a special quote.
3. Place your initial order.
4. Reorder products from your initial quote and get the same quoted price* for 6 months.

**Bulk orders may not be valid. Contact your account representative for large orders.*



Guaranteed Savings: 15% Off These Products

When you get started, know that you will save 15% on these listed products*. For all other products added to your initial order list, your account representative will work to get you the best possible discounts.

Product List - 15% Off

Product Name	Catalog*	Product Name	Catalog*
1 kb DNA Ladder	D010	Gentamicin Sulfate	G-400
1 kb PLUS™ DNA Ladder	D011	Glycine	G-630
100 bp DNA Ladder	D001	HEPES, Free Acid	H-400
100 bp PLUS™ DNA Ladder	D003	Hygromycin B	H-270
AEBSF	A-540	IPTG	I2481
Agarose LE	A-201	Kanamycin Monosulfate	K-120
Ampicillin	A-301	Lysozyme, Egg White	L-040
Aprotinin	A-655	MES, Free Acid	M-095
BLUEstain™ 2 Protein ladder, 5-245 kDa	P008	MOPS Free Acid, Ultra Pure	M-790
BLUEstain™ Protein ladder, 11-245 kDa	P007	Nickel Agarose Beads (High Density)	H-320
Bluo-Gal	B-673	Nitrotetrazolium blue chloride (NBT)	NBT
Bovine Serum Albumin (BSA), Fatty Acid Free for tissue culture	A-421	Nourseothricin Sulfate (NTC or clonNAT)	N-500
Bovine Serum Albumin (BSA), Protease Free	A-420	Phenylmethylsulfonyl fluoride (PMSF)	P-470
Carbenicillin (Disodium)	C-103	Proteinase K, RNase/DNase free	P-480
Chloramphenicol	C-105	Puromycin Dihydrochloride	P-600
D-Luciferin, Potassium Salt (Proven and Published™)	LUCK	Rifampicin	R-120
D-Luciferin, Sodium Salt (Proven and Published™)	LUCNA	Spectinomycin Dihydrochloride Pentahydrate	S-140
dNTP Mix	D-900	TCEP-HCl	TCEP
DTT (Dithiothreitol) (> 99% pure) Protease free	DTT	Tris (Tris Base)	T-400
EDTA Disodium, dihydrate	E-210	X-Gal	X4281
G418 Sulfate	G-418		

**Solutions and EZ packs do not qualify. Discounts and special quotes apply only to retail prices. Prices are subject to change. Not all product categories are eligible for discounts.*

Popular Categories

- Agarose Resins
- Antibiotics & Selection
- Bioluminescence
- Buffers & Reagents
- Cell Culture
- Cloning & Induction
- Competent Cells & Transformation
- DNA Amplification
- Enzymes, Inhibitors & Substrates
- Growth Factors
- Lab Tools & Accessories
- Plant Research Reagents
- Protein Research & Analysis
- Protein Expression & Purification
- Reducing Agents

LUCIFERASE SUBSTRATES & ASSAY KITS



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Proven and Published® D-Luciferin Potassium Salt & Sodium Salt

GoldBio's Proven and Published® D-Luciferin (Catalog: LUCK® & LUCNA)

- Published in thousands of peer-reviewed articles.
- Has a purity greater than 99%.
- Is used in several university imaging cores.

Gold Biotechnology is a leading provider of superior quality luciferin potassium and sodium salts. This highly trusted product has been published in thousands of peer-reviewed articles and is known by researchers across the country as an exceptional product for a significantly lower price.

The potassium and sodium salts of luciferin are more convenient for experiments, particularly for *in vivo* imaging, since they readily dissolve in water or buffer. The free acid form of luciferin will not dissolve in water unless a dilute base such as sodium hydroxide, potassium hydroxide, sodium bicarbonate or potassium bicarbonate is added to adjust the pH.

D-Luciferin, Potassium Salt (Proven and Published®)

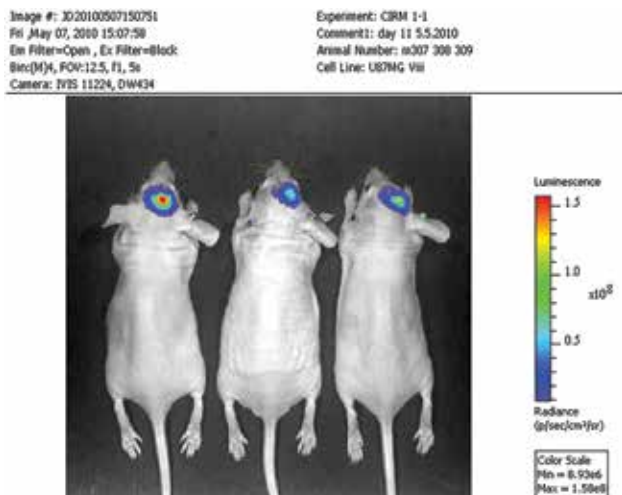
LUCK-100	100 mg	\$54
LUCK-250	250 mg	\$129
LUCK-300	300 mg	\$151
LUCK-500	500 mg	\$194
LUCK-1G	1 g	\$245
LUCK-2G	2 x 1 g	\$472
LUCK-3G	3 x 1 g	\$702
LUCK-4G	4 x 1 g	\$928
LUCK-5G	5 x 1 g	\$1,150
LUCK-10G	10 x 1 g	\$2,280

D-Luciferin, Sodium Salt (Proven and Published®)

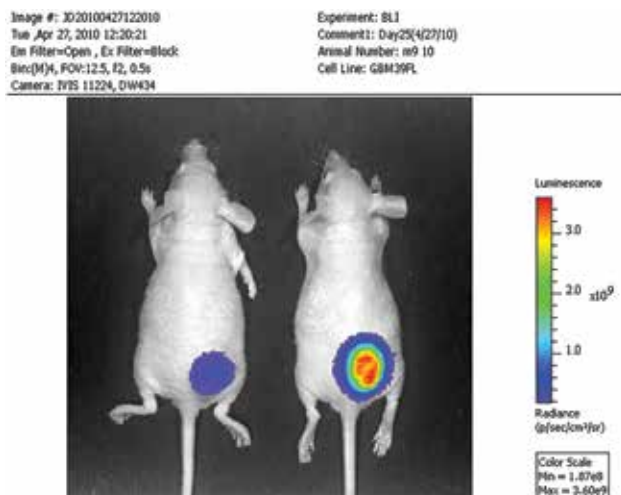
LUCNA-100	100 mg	\$54
LUCNA-250	250 mg	\$129
LUCNA-300	300 mg	\$151
LUCNA-500	500 mg	\$194
LUCNA-1G	1 g	\$245
LUCNA-2G	2 x 1 g	\$472
LUCNA-3G	3 x 1 g	\$702
LUCNA-4G	4 x 1 g	\$928
LUCNA-5G	5 x 1 g	\$1,150
LUCNA-10G	10 x 1 g	\$2,280

The bioluminescence images of athymic mice bearing luciferase-modified human glioblastoma xenograft in the right caudate-putamen (A) and in the subcutaneous space (B). The images were taken 10 minutes after intraperitoneal injection of 150 mg/kg luciferin from Gold Biotechnology.

(A)



(B)



LUCK®, and Proven and Published® are registered trademarks owned by GoldBiotechnology.

Featuring Endotoxin Free D-Luciferin

When working with live cells, endotoxin free luciferin provides confidence that you are not introducing any contaminants into your model that might otherwise influence your results. GoldBio's endotoxin free luciferin is proven to have below-detectable levels.

D-Luciferin, Potassium Salt (Endotoxin Free)

eLUCK-100	100 mg	\$77
eLUCK-250	250 mg	\$184
eLUCK-300	300 mg	\$215
eLUCK-500	500 mg	\$273
eLUCK-1G	1 g	\$345
eLUCK-2G	2 x 1 g	\$628
eLUCK-3G	3 x 1 g	\$933
eLUCK-4G	4 x 1 g	\$1,232
eLUCK-5G	5 x 1 g	\$1,526
eLUCK-10G	10 x 1 g	\$3,023

D-Luciferin, Sodium Salt (Endotoxin Free)

eLUCNA-100	100 mg	\$77
eLUCNA-250	250 mg	\$184
eLUCNA-300	300 mg	\$215
eLUCNA-500	500 mg	\$273
eLUCNA-1G	1 g	\$345
eLUCNA-2G	2 x 1 g	\$628
eLUCNA-3G	3 x 1 g	\$933
eLUCNA-4G	4 x 1 g	\$1,232
eLUCNA-5G	5 x 1 g	\$1,526
eLUCNA-10G	10 x 1 g	\$3,023

Bioluminescent Substrates

Coelenterazine

CZ2.5	2.5 mg	\$69
CZ5	5 mg	\$105
CZ10	10 mg	\$155
CZ25	25 mg	\$339
CZ50	50 mg	\$585

Coelenterazine 400 a

C-320-1	1 mg	\$107
C-320-10	10 mg	\$408
C-320-25	25 mg	\$850

D-Luciferin Firefly, Free Acid

L-123-250	250 mg	\$199
L-123-500	500 mg	\$336
L-123-1	1 g	\$441

DMNPE-caged Luciferin

L-130-10	10 mg	\$86
L-130-25	25 mg	\$195
L-130-50	50 mg	\$364
L-130-100	100 mg	\$649

L-Luciferin, Potassium Salt

L-127-10	10 mg	\$72
L-127-100	100 mg	\$309
L-127-250	250 mg	\$644
L-127-500	500 mg	\$1,032



Immediately store desiccated at -20°C. Protect from light.



Ships at ambient temperature with no reduction in performance.

D-Luciferin & L-Luciferin Stock Solution Preparation

Preparation For *In Vitro* Use

1. For a 15 mg/mL solution, dissolve 1.0 grams of D-Luciferin* into 66.6 mL sterile water.
2. Aliquot into tubes.
3. Freeze solution at -80°C (Good for up to 1 year).
*Applies also to L-Luciferin

Preparation For *In Vivo* Use

1. For a 15 mg/mL solution, dissolve 1.0 grams of D-Luciferin* into 66.6 mL DPBS without Ca²⁺ and Mg²⁺.
2. Sterilize by filtering with a syringe filter.
3. Aliquot into tubes.
4. Freeze solution at -80°C (Good for up to 1 year).
5. For intraperitoneal injection, thaw and use 100 µL of the 15 mg/mL solution per 10 g body weight (10 µL/g).
*Applies also to L-Luciferin

D-Luciferin Firefly, Free Acid

1. For a 15 mg/mL solution, begin by adding 233.36 mg potassium bicarbonate or 195.82 mg sodium bicarbonate to 66.6 mL sterile water.
2. Add 1.0 grams of D-Luciferin into solution.
3. Gently mix by inversion until fully dissolved.
4. Aliquot into tubes.
5. Freeze solution at -80°C (Good for up to 1 year).

DMNPE-Caged Luciferin Stock Solution Preparation

DMNPE-Caged Luciferin Preparation

1. Dissolve 2.45 mg of DMNPE-Caged Luciferin in 1 mL of DMSO for a 5mM (200x) stock solution.
2. DMNPE-Caged Luciferin can be added to cell cultures at a final concentration of 25µM or at a concentration specified by protocol.
3. Store stock solution at -20°C and protect from light.

Coelenterazine Stock Solution Preparation

Preparation For *In Vitro* Use

1. Add 1 mg coelenterazine to 1 mL of acidified methanol (add 50 µL of concentrated HCl to 10 mL methanol).
2. Aliquot and store at -80°C for up to 4 weeks.
3. For use, thaw tube and add 25.41 µL of coelenterazine stock solution to 40 mL DPBS (1.5µM final concentration).

Preparation For *In Vivo* Use

1. Add 5 mg coelenterazine to 1 mL of acidified methanol (add 50 µL of concentrated HCl to 10 mL methanol).
2. Aliquot and store at -80°C for up to 4 weeks.
3. For use, thaw tube and add 20 µL of coelenterazine stock solution to 130 µL DPBS and inject immediately.

GoldBio's Illumination™ Series Luciferase Assay Kits

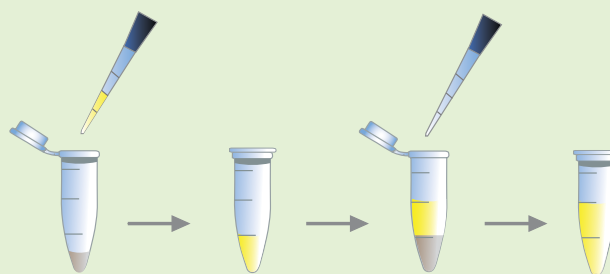
GoldBio's Illumination™ Series Luciferase Assay Kits offer a wide variety of features assuring high sensitivity and linearity, as well as easy to use assay setups.

Benefits:

- User-friendly single tube format for the Firefly & *Renilla* Luciferase Assay (cat. # I-920).
- High sensitivity and linearity.
- Water-soluble substrates.
- Both flash & glow-type assays available.
- Lyophilized options available for extra savings on shipping.
- High performance - Low price.

Firefly & *Renilla* Luciferase Enhanced Assay Kit Illustrated Overview

1. Add firefly working solution to sample.
2. Measure firefly signal.
3. Add *Renilla* working solution to the same tube to quench firefly signal and initiate *Renilla* reaction.
4. Measure *Renilla* signal.



Luciferase Assay Lysis Buffers

5X Luciferase Lysis Buffer

L-740-15 15 mL \$24

Backup supply used with GoldBio's Illumination™ Firefly Luciferase Enhanced Assay Kit when more lysis buffer is required.

5X Passive Lysis Buffer

L-745-30 30 mL \$31

Backup supply designed to be used with GoldBio's Illumination™ *Renilla* Luciferase Enhanced Assay Kit when more lysis buffer is required.

Illumination™ Series Luciferase Assay Kits

Firefly & *Renilla* Luciferase Enhanced Assay Kit



I-920-50	50 Assays	\$121
I-920-150	150 Assays	\$220
I-920-1000	1000 Assays	\$1,066

Comparable to:

Promega Dual-Luciferase® Assay System

Firefly & *Renilla*: E1910, E1960, E1980

Kit Components

- 1X Passive Lysis Buffer
- Firefly Luciferase Assay Buffer
- *Renilla* Luciferase Assay Buffer
- GoldBio D-Luciferin
- GoldBio Enhanced Coelenterazine

Storage

Store at -80°C (1X Passive Lysis Buffer, Luciferin and Enhanced Coelenterazine may be stored separately at -20°C).

Illumination™ Series Luciferase Assay Kits

Firefly Luciferase Enhanced Assay Kit 			Kit Components <ul style="list-style-type: none"> • 5x Luciferase Lysis Buffer • Firefly Luciferase Assay Buffer • GoldBio D-Luciferin
I-930-50	50 Assays	\$69	Storage Store at -80°C (5x Luciferase Lysis Buffer and D-Luciferin may be stored separately at -20°C).
I-930-150	150 Assays	\$86	
I-930-1000	1000 Assays	\$466	
Comparable to: Promega Firefly Luciferase Assay System: E1500, E4030, E4530			
Lyophilized Firefly Luciferase Enhanced Assay Kit 			Kit Components <ul style="list-style-type: none"> • 5x Luciferase Lysis Buffer • Firefly Luciferase Assay Buffer • GoldBio D-Luciferin
I-935-150	150 Assays	\$86	Storage Store the kit at -20°C (Reconstituted Assay Buffer should be stored at -80°C).
I-935-1000	1000 Assays	\$466	
Comparable to: Promega Firefly Luciferase Assay System: E1483, E1500, E1501, E4030, E4530			
Renilla Luciferase Enhanced Assay Kit 			Kit Components <ul style="list-style-type: none"> • 5x Luciferase Lysis Buffer • <i>Renilla</i> Luciferase Assay Buffer • GoldBio Enhanced Coelenterazine
I-925-50	50 Assays	\$74	Storage Store the kit at -80°C (5x Passive Lysis Buffer and Enhanced Coelenterazine may be stored separately at -20°C).
I-925-150	150 Assays	\$138	
I-925-1000	1000 Assays	\$621	
Comparable to: Promega <i>Renilla</i> Luciferase Assay System: E2810, E2820			
Dura-Luc Lyophilized Firefly HTS Assay Kit 			Kit Components <ul style="list-style-type: none"> • Dura-Luc Firefly Lyophilized Luciferase Assay Buffer • GoldBio D-Luciferin • Reconstitution Buffer
I-946-120	120 Assays	\$101	Storage Store the kit at -20°C (5x Passive Lysis Buffer and Enhanced Coelenterazine may be stored separately at -80°C).
I-946-1000	1000 Assays	\$640	
I-946-10000	10,000 Assays	\$3,535	
<i>Luminescence half-life nearly 3 hours!</i> Comparable to: Promega Steady-Glo® Assay System: E2510, E2520, E2550			

KEY:



Flash-Type Assay



Glow-Type Assay

ANTIBIOTICS

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Antibiotic EZ Paks™	17	Plant Selective Agents	101
All Antibiotics	18-32	Popular Plasmid/Antibiotic Lookup	103

Popular Antibiotics

Amoxicillin/Clavulanate

A-552-1	1 g	\$84
A-552-5	5 g	\$142

Amphotericin B, Solubilized

A-561-250	250 mg	\$125
A-561-500	500 mg	\$225
A-561-1	1 g	\$415

Ampicillin (Sodium) ES

A-301-5	5 g	\$35
A-301-10	10 g	\$49
A-301-25	25 g	\$65
A-301-100	100 g	\$215
A-301-500	500 g	\$969

Bialaphos, Sodium Salt

B0178-100	100 mg	\$159
B0178-250	250 mg	\$369
B0178-500	500 mg	\$669

Blasticidin S HCl

B-800-25	25 mg	\$75
B-800-100	100 mg	\$229
B-800-500	500 mg	\$965
B-800-1	1 g	\$1,735

Carbenicillin (Disodium) ES

C-103-5	5 g	\$59
C-103-25	25 g	\$195
C-103-50	50 g	\$339
C-103-100	100 g	\$575
C-103-250	250 g	\$1,155

Cefotaxime (Sodium) ES

C-104-1	1 g	\$35
C-104-5	5 g	\$59
C-104-25	25 g	\$219

Chloramphenicol

C-105-5	5 g	\$25
C-105-25	25 g	\$35
C-105-100	100 g	\$105

G418 Sulfate

G-418-1	1 g	\$39
G-418-5	5 g	\$169
G-418-10	10 g	\$279
G-418-25	25 g	\$409

Gentamicin Sulfate ES

G-400-1	1 g	\$29
G-400-5	5 g	\$45
G-400-10	10 g	\$75
G-400-25	25 g	\$109
G-400-100	100 g	\$345

Hygromycin B E

H-270-1	1 g	\$89
H-270-2-1	2x1 g	\$169
H-270-2.5	2.5 g	\$209
H-270-5	5 g	\$359
H-270-5-1	5x1 g	\$395
H-270-10	10 g	\$645
H-270-10-1	10x1 g	\$655

Kanamycin Monosulfate ES

K-120-5	5 g	\$35
K-120-10	10 g	\$65
K-120-25	25 g	\$125
K-120-50	50 g	\$225
K-120-100	100 g	\$415
K-120-250	250 g	\$949

KEY:

E EZ Pak™ option available (EZ Pak™ Info on pg 17) **S** Antibiotic solution available

Popular Antibiotics

Mitomycin C

M-900-25	25 mg	\$75
M-900-100	100 mg	\$199
M-900-500	500 mg	\$645
M-900-1	1 g	\$1,029

Neomycin Sulfate

N-620-5	5 g	\$29
N-620-10	10 g	\$35
N-620-25	25 g	\$39
N-620-100	100 g	\$115

Nourseothricin Sulfate**(Streptothricin Sulfate)**

N-500-100	100 mg	\$85
N-500-500	500 mg	\$225
N-500-1	1 g	\$329
N-500-5	5x1 g	\$1,299

Penicillin G Potassium Salt

P-303-50	50 g	\$45
P-303-100	100 g	\$65
P-303-1	1 kg	\$385

Phosphinothricin

P-165-250	250 mg	\$115
P-165-1	1 g	\$345
P-165-5	5 g	\$1,275

Puromycin Dihydrochloride

P-600-100	100 mg	\$105
P-600-500	500 mg	\$359
P-600-1	1 g	\$635

Rifampicin

R-120-1	1 g	\$45
R-120-5	5 g	\$79
R-120-10	10 g	\$125
R-120-25	25 g	\$205
R-120-50	50 g	\$329

Spectinomycin Dihydrochloride**Pentahydrate ES**

S-140-5	5 g	\$39
S-140-25	25 g	\$115
S-140-50	50 g	\$189
S-140-250	250 g	\$795

Tetracycline Hydrochloride

T-101-25	25 g	\$35
T-101-100	100 g	\$75

Timentin™**Ticarcillin/Clavulanate (15/1) ES**

T-104-2	2 g	\$45
T-104-10	10 g	\$145
T-104-25	25 g	\$215
T-104-100	100 g	\$519
T-104-250	250 g	\$1,005
T-104-500	500 g	\$1,675

Vancomycin Hydrochloride E

V-200-1	1 g	\$65
V-200-5	5 g	\$145
V-200-25	25 g	\$345



Powder antibiotics ship ground. Solutions require next-day shipping.

Antibiotic EZ Paks™

Gold Biotechnology's Antibiotic EZ Paks™ are the fastest way to make a set amount of sterile, antibiotic solutions.

Benefits	<ul style="list-style-type: none"> No calculations needed. Fast and easy. Just add deionized H₂O, filter, and pour into the labeled bottle. Sterile solution is ready for tissue culture, bacterial media and other uses.
Kit Components	<ul style="list-style-type: none"> Prew weighed antibiotic powder Sterile filter (and syringe for EZ10 pack sizes) Sterile container for the filtered solution
Storage	Store powder desiccated at -20°C. Store solution at -20°C. Aliquots as desired.



Ampicillin (Sodium) EZ Pak™ for 100 mg/mL Solution

A-301-EZ10	10 mL	\$49
A-301-EZ50	50 mL	\$115
A-301-EZ100	100 mL	\$135

Carbenicillin (Disodium) EZ Pak™ for 100 mg/mL Solution

C-103-EZ10	10 mL	\$65
C-103-EZ50	50 mL	\$125
C-103-EZ100	100 mL	\$155

Cefotaxime (Sodium) EZ Pak™ for 100 mg/mL Solution

C-104-EZ10	10 mL	\$89
C-104-EZ50	50 mL	\$155
C-104-EZ100	100 mL	\$249

Gentamicin Sulfate EZ Pak™ for 50 mg/mL Solution

G-400-EZ10	10 mL	\$59
G-400-EZ50	50 mL	\$115
G-400-EZ100	100 mL	\$145

Hygromycin B EZ Pak™ for 50 mg/mL Solution

H-270-EZ25	25 mL	\$169
H-270-EZ50	50 mL	\$269
H-270-EZ100	100 mL	\$405

Kanamycin Monosulfate EZ Pak™ for 50 mg/mL Solution

K-120-EZ25	25 mL	\$65
K-120-EZ50	50 mL	\$89
K-120-EZ100	100 mL	\$125

Spectinomycin Dihydrochloride Pentahydrate EZ Pak™ - 100 mg/mL Solution

S-140-EZ25	25 mL	\$59
S-140-EZ50	50 mL	\$85
S-140-EZ100	100 mL	\$115

Streptomycin Sulfate EZ Pak™ - 100 mg/mL Solution

S-150-EZ10	10 mL	\$49
S-150-EZ50	50 mL	\$115
S-150-EZ100	100 mL	\$155

Timentin™ Ticarcillin/Clavulanate (15/1) EZ Pak™ - 100 mg/mL Solution

T-104-EZ10	10 mL	\$79
T-104-EZ50	50 mL	\$155
T-104-EZ100	100 mL	\$209

Vancomycin Hydrochloride EZ Pak™ - 100 mg/mL Solution

V-200-EZ25	25 mL	\$129
V-200-EZ50	50 mL	\$199
V-200-EZ100	100 mL	\$315

All Antibiotics

6-Aminopenicillanic Acid

A-915-10	10 g	\$54
A-915-25	25 g	\$88

Actinomycin D, USP Grade

A-360-10	10 mg	\$165
A-360-25	25 mg	\$279

Amikacin Hydrate

A-530-1	1 g	\$99
A-530-5	5 g	\$433

Amikacin Sulfate, USP Grade

A-532-5	5 g	\$65
A-532-25	25 g	\$155

Amoxicillin Sodium Salt

A-551-1	1 g	\$67
A-551-5	5 g	\$102
A-551-25	25 g	\$304

Amoxicillin, Trihydrate

A-550-5	5 g	\$63
A-550-25	25 g	\$207

Amoxicillin/Clavulanate

A-552-1	1 g	\$84
A-552-5	5 g	\$142

**Ampicillin (Sodium)
100 mg/mL Solution**

A-301-SL10	10 mL	\$49
A-301-SL25	25 mL	\$79
A-301-SL50	50 mL	\$115
A-301-SL100	100 mL	\$135

**Ampicillin (Sodium) EZ Pak™
for 100 mg/mL Solution**

A-301-EZ10	10 mL	\$49
A-301-EZ25	25 mL	\$79
A-301-EZ50	50 mL	\$115
A-301-EZ100	100 mL	\$135

**Ampicillin (Sodium)
USP Grade**

A-301-5	5 g	\$35
A-301-10	10 g	\$49
A-301-25	25 g	\$65
A-301-100	100 g	\$215
A-301-500	500 g	\$969

Ampicillin Anhydrous

A-302-5	5 g	\$92
A-302-25	25 g	\$365
A-302-100	100 g	\$1,224

Ampicillin Trihydrate

A-303-25	25 g	\$107
A-303-100	100 g	\$228

Ampicillin/Sulbactam (2:1)

A-115-1	1 g	\$224
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Apramycin Sulfate

A-600-1	1 g	\$45
A-600-5	5 g	\$115
A-600-10	10 g	\$135



Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Azithromycin Dihydrate

A-900-25	25 mg	\$289
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Azlocillin Sodium

A-920-1	1 g	\$88
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A-920-5	5 g	\$338
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Aztreonam

A-930-500	500 mg	\$69
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A-930-1	1 g	\$115
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A-930-5	5 g	\$285
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Aztreonam, Solubilized

A-940-100	100 mg	\$201
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Bacitrac99

B-071-10	10 g	\$158
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Bacitracin, USP Grade

B-070-1	1 g	\$35
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B-070-5	5 g	\$55
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B-070-10	10 g	\$69
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B-070-25	25 g	\$99
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B-070-50	50 g	\$175
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B-070-100	100 g	\$299
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Bactenecin

B-305-1	1 mg	\$903
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Bakuchiol

B-700-5	5 mg	\$67
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Blasticidin S HCl

B-800-25	25 mg	\$75
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B-800-100	100 mg	\$229
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B-800-500	500 mg	\$965
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B-800-1	1 g	\$1,735
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Bleomycin A5 hydrochloride

B-405-10	10 mg	\$715
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Bleomycin Sulfate, USP Grade

B-910-10	10 mg	\$155
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B-910-50	50 mg	\$539
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Brefeldin A

B-930-5	5 mg	\$120
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B-930-50	50 mg	\$434
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C-390

C-390-100	100 mg	\$129
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C-390-250	250 mg	\$307
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C-390-500	500 mg	\$582
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C-390-1	1 g	\$1,105
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Capreomycin Sulfate

C-510-5	5 g	\$692
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Carbenicillin (Disodium)**100 mg/mL Solution**

C-103-SL10	10 mL	\$65
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C-103-SL25	25 mL	\$89
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C-103-SL50	50 mL	\$125
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C-103-SL100	100 mL	\$155
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All Antibiotics

Carbenicillin (Disodium)**EZ Pak™ for 100 mg/mL Solution**

C-103-EZ10	10 mL	\$65
C-103-EZ25	25 mL	\$89
C-103-EZ50	50 mL	\$125
C-103-EZ100	100 mL	\$155

Carbenicillin (Disodium)**USP Grade**

C-103-5	5 g	\$59
C-103-25	25 g	\$195
C-103-50	50 g	\$339
C-103-100	100 g	\$575
C-103-250	250 g	\$1,155

Cecropin A

C-285-1	1 mg	\$348
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Cecropin B

C-625-1	1 mg	\$181
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Cecropin P1, porcine

C-241-1	1 mg	\$348
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Cefaclor

C-530-500	500 mg	\$80
C-530-1	1 g	\$152

Cefadroxil

C-540-1	1 g	\$74
C-540-5	5 g	\$181

Cefamandole Nafate

C-560-5	5 g	\$296
C-560-10	10 g	\$541

Cefamandole Sodium Salt

C-561-100	100 mg	\$169
C-561-500	500 mg	\$632

Cefdinir

C-580-1	1 g	\$138
C-580-5	5 g	\$446
C-580-10	10 g	\$804

Cefditoren pivoxil

C-515-1	1 g	\$141
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Cefditoren sodium

C-925-1	1 g	\$136
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Cefepime

C-610-10	10 mg	\$152
C-610-50	50 mg	\$582
C-610-100	100 mg	\$1,025

Cefepime HCl

C-611-100	100 mg	\$338
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Cefixime Trihydrate

C-620-100	100 mg	\$116
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Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Cefmetazole free acid

C-225-1	1 g	\$103
C-225-5	5 g	\$343

Cefmetazole Sodium

C-631-1	1 g	\$108
C-631-5	5 g	\$383

Cefminox Sodium Heptahydrate

C-465-500	500 mg	\$162
C-465-1	1 g	\$224

Cefoperazone Sodium, USP Grade

C-660-1	1 g	\$49
C-660-5	5 g	\$169
C-660-25	5 x 5 g	\$509

Cefotaxime (Sodium)**100 mg/mL Solution**

C-104-SL10	10 mL	\$65
C-104-SL50	50 mL	\$155
C-104-SL100	100 mL	\$249

Cefotaxime (Sodium)**250 mg/mL Solution**

C-104-SX100	100 mL	\$489
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Cefotaxime (Sodium) EZ Pak™**for 100 mg/mL Solution**

C-104-EZ10	10 mL	\$89
C-104-EZ50	50 mL	\$155
C-104-EZ100	100 mL	\$249

Cefotaxime (Sodium),**USP Grade**

C-104-1	1 g	\$35
C-104-5	5 g	\$59
C-104-25	25 g	\$219

Cefotetan disodium

C-715-100	100 mg	\$92
C-715-1	1 g	\$668

Cefotiam HCl

C-681-50	50 mg	\$162
C-681-100	100 mg	\$288

Cefoxitin

C-960-1	1 g	\$161
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Cefozopran HCl

C-690-100	100 mg	\$314
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Cefpirome Sulfate

C-701-1	1 g	\$245
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Cefpirome Sulfate**with Sodium Carbonate**

C-702-1	1 g	\$239
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Cefpodoxime Sodium Salt

C-711-100	100 mg	\$304
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All Antibiotics

Cefpodoxime, Free acid

C-712-100	100 mg	\$285
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Cefprozil

C-720-10	10 mg	\$145
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C-720-50	50 mg	\$685
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C-720-100	100 mg	\$1,190
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Cefradine

C-730-500	500 mg	\$142
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C-730-1	1 g	\$251
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C-730-5	5 g	\$864
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Cefsulodin (SCE-129)

C-114-1	1 g	\$85
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C-114-2.5	2.5 g	\$189
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C-114-5	5 g	\$355
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C-114-10	10 g	\$675
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Ceftazidime Pentahydrate

C-740-1	1 g	\$75
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C-740-2.5	2.5 g	\$145
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C-740-5	5 g	\$235
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Cefteram pivoxil

C-445-10	10 mg	\$570
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Ceftibuten

C-760-10	10 mg	\$68
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C-760-100	100 mg	\$522
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Ceftiofur Sodium

C-770-1	1 g	\$114
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C-770-5	5 g	\$338
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Ceftizoxime Sodium

C-780-1	1 g	\$154
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Ceftriaxone free acid

C-435-250	250 mg	\$109
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C-435-1	1 g	\$220
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Ceftriaxone Sodium, USP Grade

C-781-250	250 mg	\$91
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C-781-1	1 g	\$273
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Cefuroxime Sodium

C-790-1	1 g	\$128
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C-790-5	5 g	\$426
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Cephapirin benzathine

C-745-100	100 mg	\$398
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Cetylpyridinium chloride

C-120-100	100 g	\$76
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Chloramphenicol, USP Grade

C-105-5	5 g	\$25
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C-105-25	25 g	\$35
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C-105-100	100 g	\$105
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Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Chlorhexidine

C-615-1	1 g	\$107
C-615-5	5 g	\$422

Chlorhexidine diacetate salt

C-250-25	25 g	\$214
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Chlorhexidine HCl

C-725-5	5 g	\$60
C-725-25	25 g	\$220

Chlortetracycline HCl, USP Grade

C-840-25	25 g	\$144
C-840-100	100 g	\$404

Ciprofloxacin

C-860-5	5 g	\$35
C-860-10	10 g	\$65
C-860-25	25 g	\$105
C-860-100	100 g	\$309

Ciprofloxacin HCl

C-861-5	5 g	\$35
C-861-10	10 g	\$49
C-861-25	25 g	\$89
C-861-100	100 g	\$295

Clarithromycin

C-880-100	100 mg	\$80
C-880-250	250 mg	\$132
C-880-1	1 g	\$401

**Clavulanic Acid Potassium
w/ Cellulose (1:1)**

C-890-1	1 g	\$169
C-890-5	5 g	\$562

Clavulanic acid, lithium salt

C-405-100	100 mg	\$161
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Clindamycin Hydrochloride

C-175-10	10 g	\$55
C-175-25	25 g	\$89
C-175-50	50 g	\$145
C-175-100	100 g	\$245

Clofazimine

C-125-5	5 g	\$188
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Cloxacillin Sodium

C-805-1	1 g	\$58
C-805-5	5 g	\$239

Colistin Sodium Methanesulfonate

C-920-1	1 g	\$145
C-920-5	5 g	\$563
C-920-10	10 g	\$1,088

Colistin Sulfate, USP Grade

C-921-1	1 g	\$29
C-921-5	5 g	\$59
C-921-25	25 g	\$175
C-921-100G	100 g	\$419

All Antibiotics

Cryptotanshinone

C-735-10	10 mg	\$151
C-735-25	25 mg	\$335

D-Cycloserine

C-970-1	1 g	\$72
C-970-5	5 g	\$268

Difloxacin HCl

D-440-1	1 g	\$116
D-440-5	5 g	\$478

Dihydrostreptomycin Sulfate

D-450-25	25 g	\$122
D-450-100	100 g	\$305

Dihydrotanshinone I

D-800-10	10 mg	\$148
D-800-50	50 mg	\$519

Dimetridazole

D-460-100	100 g	\$487
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Dirithromycin

D-305-1	1 g	\$195
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Doxycycline Hyclate

D-500-1	1 g	\$29
D-500-10	10 g	\$39
D-500-25	25 g	\$75
D-500-100	100 g	\$245

Enoxacin

E-900-1	1 g	\$80
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Enramycin

E-610-10	10 mg	\$211
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Enrofloxacin

E-230-5	5 g	\$133
E-230-25	25 g	\$541

Enrofloxacin HCl

E-231-100	100 mg	\$133
E-231-500	500 mg	\$522
E-231-1	1 g	\$879

Epigallocatechin gallate

E-515-50	50 mg	\$77
E-515-100	100 mg	\$141

Erythromycin

E-350-100	100 g	\$292
E-350-250	250 g	\$547



Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Erythromycin Estolate

E-300-5 5 g \$133

Erythromycin Ethylsuccinate

E-301-25 25 g \$245

Ethambutol

E-280-25 25 g \$241

E-280-100 100 g \$866

Ethambutol DiHCl

E-505-25 25 g \$162

E-505-100 100 g \$562

Ethionamide

E-290-5 5 g \$99

E-290-25 25 g \$436

E-290-100 100 g \$913

Faropenem Sodium

F-350-50 50 mg \$302

Flucloxacillin Sodium

F-420-10 10 mg \$107

F-420-50 50 mg \$401

Flumequine

F-510-5 5 g \$163

F-510-10 10 g \$288

Furazolidone

F-480-10 10 g \$59

F-480-25 25 g \$120

Fusidic acid

F-905-100 100 mg \$78

F-905-1 1 g \$373

Fusidic Acid Sodium

F-490-500 500 mg \$120

F-490-1 1 g \$222

F-490-5 5 g \$963

G418 Sulfate

G-418-1 1 g \$39

G-418-5 5 g \$169

G-418-10 10 g \$279

G-418-25 25 g \$409

Gatifloxacin

G-410-1 1 g \$79

G-410-5 5 g \$336

Gentamicin Sulfate**50 mg/mL Solution**

G-400-SL10 10 mL \$59

G-400-SL25 25 mL \$85

G-400-SL50 50 mL \$115

G-400-SL100 100 mL \$145

All Antibiotics

Gentamicin Sulfate EZ Pak™**for 50 mg/mL Solution**

G-400-EZ10	10 mL	\$59
G-400-EZ25	25 mL	\$85
G-400-EZ50	50 mL	\$115
G-400-EZ100	100 mL	\$145

Gentamicin Sulfate, USP Grade

G-400-1	1 g	\$29
G-400-5	5 g	\$45
G-400-10	10 g	\$75
G-400-25	25 g	\$109
G-400-100	100 g	\$345

Hygro99

H-271-500	500 mg	\$130
H-271-1	1 g	\$181

Hygromycin B

H-270-1	1 g	\$89
H-270-2-1	2 x 1 g	\$169
H-270-2.5	2.5 g	\$209
H-270-5	5 g	\$359
H-270-5-1	5 x 1 g	\$395
H-270-10	10 g	\$645
H-270-10-1	10 x 1 g	\$655

Hygromycin B EZ Pak™**for 50 mg/mL Solution**

H-270-EZ25	25 mL	\$169
H-270-EZ50	50 mL	\$269
H-270-EZ100	100 mL	\$405

Imipenem

I-600-1	1 g	\$246
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Irgasan (Triclosan)

I-660-25	25 g	\$125
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Isoniazid

I-450-100	100 g	\$60
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Kanamycin Monosulfate**50 mg/mL Solution**

K-120-SL25	25 mL	\$65
K-120-SL50	50 mL	\$89
K-120-SL100	100 mL	\$125

Kanamycin Monosulfate EZ Pak™**for 50 mg/mL Solution**

K-120-EZ25	25 mL	\$65
K-120-EZ50	50 mL	\$89
K-120-EZ100	100 mL	\$125



Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Kanamycin Monosulfate,**USP Grade**

K-120-5	5 g	\$35
K-120-10	10 g	\$65
K-120-25	25 g	\$125
K-120-50	50 g	\$225
K-120-100	100 g	\$415
K-120-250	250 g	\$949

Levofloxacin

L-110-5	5 g	\$341
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Lincomycin HCl, USP Grade

L-300-1	1 g	\$76
L-300-5	5 g	\$341

Marbofloxacin

M-810-100	100 mg	\$78
M-810-500	500 mg	\$105
M-810-1	1 g	\$201

Meropenem

M-820-5	5 g	\$343
M-820-10	10 g	\$508
M-820-25	25 g	\$1,027
M-820-50	50 g	\$1,563

Methicillin Sodium

M-830-100	100 mg	\$91
M-830-1	1 g	\$213

Mezlocillin Sodium, USP Grade

M-850-100	100 mg	\$259
M-850-500	500 mg	\$737

Micronomicin Sulfate

M-870-10	10 g	\$101
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Minocycline HCl, USP Grade

M-890-1	1 g	\$80
M-890-2	2 g	\$128
M-890-5	5 g	\$240
M-890-10	10 g	\$342
M-890-25	25 g	\$774

Mitomycin C, USP Grade

M-900-25	25 mg	\$75
M-900-100	100 mg	\$199
M-900-500	500 mg	\$645
M-900-1	1 g	\$1,029

Moxifloxacin HCl

M-940-100	100 mg	\$138
M-940-500	500 mg	\$549

Nalidixic acid

N-015-100	100 g	\$258
N-015-250	250 g	\$516

All Antibiotics

Nalidixic acid sodium salt

N-010-25	25 g	\$129
N-010-50	50 g	\$201
N-010-100	100 g	\$305
N-010-250	250 g	\$591
N-010-500	500 g	\$832

Neomycin Sulfate, USP Grade

N-620-5	5 g	\$29
N-620-10	10 g	\$35
N-620-25	25 g	\$39
N-620-100	100 g	\$115

Nigericin Sodium Salt

N-650-10	10 mg	\$216
N-650-50	50 mg	\$760

Nisin

N-660-1	1 g	\$64
N-660-5	5 g	\$169
N-660-25	25 g	\$588

Norfloxacin

N-700-5	5 g	\$84
N-700-10	10 g	\$148

Nourseothricin Sulfate**Streptothricin Sulfate/NTC/clonNAT**

N-500-100	100 mg	\$85
N-500-500	500 mg	\$225
N-500-1	1 g	\$329
N-500-2	2 x 1 g	\$599
N-500-3	3 x 1 g	\$855
N-500-4	4 x 1 g	\$1,089
N-500-5	5 x 1 g	\$1,299

Novobiocin Sodium Salt

N-451-10	10 g	\$500
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Ofloxacin

O-200-1	1 g	\$52
O-200-10	10 g	\$224

Oxolinic Acid

O-300-5	5 g	\$129
O-300-25	25 g	\$434

Oxytetracycline

O-600-500	500 g	\$183
O-600-1	1 kg	\$291

Oxytetracycline Dihydrate

O-400-10	10 g	\$59
O-400-50	50 g	\$290



Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Oxytetracycline HCl

O-410-10	10 g	\$51
O-410-50	50 g	\$119
O-410-100	100 g	\$201

Paromomycin Sulfate, USP Grade

P-700-5	5 g	\$65
P-700-25	25 g	\$135
P-700-100	100 g	\$275

Pefloxacin Mesylate Dihydrate

P-710-10	10 g	\$70
P-710-50	50 g	\$281

Penicillin G Potassium Salt

P-303-50	50 g	\$45
P-303-100	100 g	\$65
P-303-1	1 kg	\$385

Penicillin G Sodium Salt

P-304-50	50 g	\$49
P-304-100	100 g	\$75

Pipemidic Acid

P-720-10	10 g	\$87
P-720-100	100 g	\$543

Piperacillin

P-730-500	500 mg	\$92
P-730-1	1 g	\$130

Piperacillin Sodium

P-733-1	1 g	\$100
P-733-5	5 g	\$398
P-733-10	10 g	\$548

Polymyxin B Sulfate

P-740-10	10 MU	\$137
P-740-100	100 MU	\$527

Puromycin Dihydrochloride

P-600-100	100 mg	\$105
P-600-500	500 mg	\$359
P-600-1	1 g	\$635

Pyrazinamide

P-770-25	25 g	\$78
P-770-100	100 g	\$245

Rapamycin

R-101-25	25mg	\$49
R-101-100	100 mg	\$175
R-101-500	500 mg	\$779

Ribostamycin Sulfate

R-400-250	250 mg	\$310
R-400-1	1 g	\$675

All Antibiotics

Rifampicin, Molecular Biology Grade

R-120-1	1 g	\$45
R-120-5	5 g	\$79
R-120-10	10 g	\$125
R-120-25	25 g	\$205
R-120-50	50 g	\$329

Roxithromycin

R-500-5	5 g	\$72
R-500-10	10 g	\$131

Salinomycin

S-200-5	5 mg	\$194
S-200-25	25 mg	\$635

Salinomycin Sodium

S-210-50	50 mg	\$103
S-210-100	100 mg	\$173
S-210-1	1 g	\$280

Sarafloxacin HCl Trihydrate

S-300-5	5 g	\$64
S-300-25	25 g	\$196

Sisomicin Sulfate

S-350-500	500 mg	\$154
S-350-1	1 g	\$269

Sparfloxacin

S-460-10	10 g	\$159
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Spectinomycin Dihydrochloride**Pentahydrate 100 mg/mL Solution**

S-140-SL10	10 mL	\$59
S-140-SL25	25 mL	\$85
S-140-SL50	50 mL	\$115
S-140-SL100	100 mL	\$145

Spectinomycin Dihydrochloride**Pentahydrate EZ Pak™, 100 mg/mL**

S-140-EZ25	25 mL	\$59
S-140-EZ50	50 mL	\$85
S-140-EZ100	100 mL	\$115

Spectinomycin Dihydrochloride**Pentahydrate, USP Grade**

S-140-5	5 g	\$39
S-140-25	25 g	\$115
S-140-50	50 g	\$189
S-140-250	250 g	\$795

Spiramycin

S-470-1	1 g	\$92
S-470-5	5 g	\$318

Streptomycin Sulfate

S-150-50	50 g	\$35
S-150-100	100 g	\$49



Powder antibiotics ship ground. Solutions require next-day shipping.

All Antibiotics

Streptomycin Sulfate**100 mg/mL Solution**

S-150-SL10	10 mL	\$49
S-150-SL25	25 mL	\$79
S-150-SL50	50 mL	\$115
S-150-SL100	100 mL	\$155

Streptomycin Sulfate EZ Pak™**for 100 mg/mL Solution**

S-150-EZ10	10 mL	\$49
S-150-EZ25	25 mL	\$79
S-150-EZ50	50 mL	\$115
S-150-EZ100	100 mL	\$155

Sulbactam

S-500-10	10 mg	\$78
S-500-50	50 mg	\$344

Sulbactam Sodium

S-501-10	10 mg	\$75
S-501-500	500 mg	\$141

Sulfadoxine (Sulphadoxine)

S-550-10	10 g	\$83
S-550-25	25 g	\$190

Sulfamethazine

S-610-100	100 g	\$74
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Sulfamonomethoxine

S-630-250	250 mg	\$145
S-630-1	1 g	\$398

Tazobactam

T-200-1	1 g	\$93
T-200-5	5 g	\$403

Tazobactam Sodium

T-201-100	100 mg	\$137
T-201-500	500 mg	\$438

Teicoplanin

T-230-100	100 mg	\$99
T-230-1	1 g	\$539

Tetracycline Hydrochloride

T-101-25	25 g	\$35
T-101-100	100 g	\$75

Thiostrepton

T-300-1	1 g	\$113
T-300-5	5 g	\$422

Ticarcillin disodium salt

T-380-1	1 g	\$63
T-380-25	25 g	\$409

All Antibiotics

Tilmicosin

T-330-100	100 mg	\$104
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Timentin™**Ticarcillin/Clavulanate (15/1)**

T-104-2	2 g	\$45
T-104-10	10 g	\$145
T-104-25	25 g	\$215
T-104-100	100 g	\$519
T-104-250	250 g	\$1,005
T-104-500	500 g	\$1,675

Timentin™ Ticarcillin/**Clavulanate (15/1) 100 mg/mL**

T-104-SL10	10 mL	\$79
T-104-SL50	50 mL	\$155
T-104-SL100	100 mL	\$209

Timentin™ Ticarcillin/Clavulanate**(15/1) EZ Pak™-100 mg/mL**

T-104-EZ10	10 mL	\$79
T-104-EZ50	50 mL	\$155
T-104-EZ100	100 mL	\$209

Tobramycin Sulfate

T-341-1	1 g	\$115
T-341-5	5 g	\$415
T-341-10	10 g	\$695

Trimethoprim

T-350-5	5 g	\$45
T-350-25	25 g	\$115
T-350-100	100 g	\$275

Trimethoprim Lactate

T-351-250	250 mg	\$79
T-351-1	1 g	\$129

Tylosin Tartrate

T-550-1	1 g	\$66
T-550-5	5 g	\$205
T-550-10	10 g	\$334

Validamycin A

V-170-1	1 g	\$142
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Valnemulin HCl

V-150-500	500 mg	\$152
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Vancomycin Hydrochloride**USP Grade**

V-200-1	1 g	\$65
V-200-5	5 g	\$145
V-200-25	25 g	\$345

Vancomycin Hydrochloride EZ Pak™**for 100 mg/mL Solution**

V-200-EZ25	25 mL	\$129
V-200-EZ50	50 mL	\$199
V-200-EZ100	100 mL	\$315



Powder antibiotics ship ground. Solutions require next-day shipping.

Antibiotic FAQs

What is the shelf life of GoldBio antibiotics at -20°C?

Powder antibiotics have a shelf life of up to 2 years.

What is the preferred storage method for GoldBio's antibiotics?

Store powder antibiotics desiccated at -20°C. For solution, tightly seal bottle and store at -20°C. Make aliquots as desired.

How long will my antibiotics last in storage if they're not kept desiccated?

Desiccation is very important for the longevity of many laboratory chemicals. If your antibiotics are not stored desiccated, it may result in a shorter shelf life. Other factors such as how the products are stored will also influence shelf life. We suggest testing your antibiotics using the Kirby Bauer Method.

What is the shelf life for antibiotic stock solutions?

When stored at -20°C, your antibiotic solution has a shelf life of up to 1 year.

What antibiotics do you offer samples of?

GoldBio offers free samples of ampicillin, carbenicillin and kanamycin.

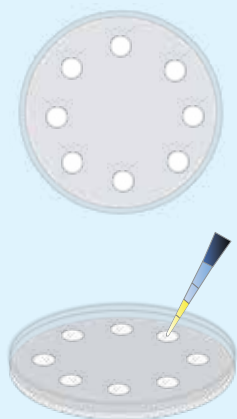
How are your antibiotics shipped?

Powder antibiotics and antibiotic EZ Paks™ are shipped ground. Antibiotic solutions are shipped overnight on blue ice.

What is the difference between ampicillin and carbenicillin?

Both can be used for selecting cells with the *bla* resistance gene. However, carbenicillin is better to use when you're doing quantitation and longer incubations. When you're doing ligation or your cells are slow growing, ampicillin is safer to use. Carbenicillin will result in fewer satellite colonies, but its higher potency may kill cells before they have time to manufacture resistance.

Preparing Antibiotic Disks for the Kirby Bauer Method



Materials Needed

1. 6 mm filter paper disks
2. Sterile petri dish
3. Control antibiotic
4. Test antibiotic

Procedure

1. Prepare a fresh solution of your antibiotic of choice.
2. Dilute to your desired concentration. Each filter paper disk can hold about 20 μ l of solution. For 10 μ g/disk, use a 0.5 mg/ml solution.
3. Add the desired number of filter paper disks to an empty, sterile petri dish. It is recommended to add extra in case any are dropped.
4. Add 20 μ l of antibiotic solution to each disk using a pipette.
5. Let the disk dry covered at room temperature for about 3 hours. Or place the open dish in a laminar flow hood to dry for about 30 minutes.



Kirby Bauer Method - Video Protocol

Visit www.goldbio.com/videos for a full tutorial on the Kirby Bauer Method, as well as other helpful videos.

CELL CULTURE

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Cell Culture Media Chart (Animal)

Phase	Description	Media Type	Recommended Products	Cat #
Dissection and Isolation	The dissection and isolation phase involves the preparation of animal tissue	Preparation Media	HEPES, Free Acid	H-400
			HEPES, Sodium Salt	H-401
			DMSO	D-360
			D-Biotin	B-950
			Choline chloride	C-850
			EDTA Disodium, dihydrate	E-210
			Trypsin	T-161/T-162
			Penicillin-G	P-303/P-304
			Ampicillin	A-301
			PBS	P-271
Growth	During the growth phase, cells undergo a growth period by mitotic division. This phase relies on growth factors.	Growth Media	Amphotericin B	A-560/A-561
			Ampicillin	A-301
			Kanamycin monosulfate	K-120
			Erythromycin	E-350
			G418 Sulfate	G-418
			Gentamycin sulfate	G-400
			Lincomycin HCl	L-300
			Neomycin sulfate	N-620
			Nystatin	N-750
			Paromomycin	P-700
			Penicillin-G	P-303/P-304
			Polymyxin B sulfate	P-740
			Spectinomycin	S-140
			Tetracycline	T-101
			Tylosin tartrate	T-550
			EGF	1350-04
Differentiation	During this phase, cells stop dividing and transdifferentiate into specific lineages.	Differentiation Media	EGF	1350-04
			FGF2	1140-02
			Penicillin-G	P-303/P-304



Cell Culture Buffers

BES

B-780-25	25 g	\$35
B-780-50	50 g	\$45
B-780-100	100 g	\$59

HEPES, Free Acid

H-400-100	100 g	\$45
H-400-250	250 g	\$85
H-400-500	500 g	\$129
H-400-1	1 kg	\$199
H-400-2	2 x 1 kg	\$329
H-400-5	5 kg	\$689

HEPES, Sodium Salt

H-401-50	50 g	\$45
H-401-100	100 g	\$75
H-401-500	500 g	\$205
H-401-1	1 kg	\$335

MES Free Acid Monohydrate

M-090-100	100 g	\$75
M-090-250	250 g	\$115
M-090-500	500 g	\$155
M-090-1	1 kg	\$269

MOPS Free Acid

M-790-100	100 g	\$49
M-790-250	250 g	\$75
M-790-500	500 g	\$115
M-790-1	1 kg	\$185
M-790-2	2 x 1 kg	\$325
M-790-5	5 kg	\$665

PBS Tablets

P-271-50	50 tablets	\$59
P-271-200	200 tablets	\$105

1 tablet prepares a 100 mL solution

PIPES, Sodium Salt

P-280-100	100 g	\$55
P-280-250	250 g	\$85
P-280-500	500 g	\$155

TAPS

T-780-25	25 g	\$29
T-780-100	100 g	\$39

Popular Culture Media Additives

α-D-Fucose

F-850-1	1 g	\$77
F-850-2	2 g	\$124
F-850-5	5 g	\$242
F-850-10	10 g	\$437
F-850-25	25 g	\$968

AMP (Adenosine-5'-Monophosphate),

Disodium Hexahydrate

A-082-10	10 g	\$55
A-082-25	25 g	\$95

ATP (Adenosine-5'-Triphosphate),

Disodium Trihydrate

A-081-1	1 g	\$35
A-081-5	5 g	\$49
A-081-25	25 g	\$125
A-081-100	100 g	\$429
A-081-250	250 g	\$845

Adonitol

A-175-50	50 g	\$79
A-175-100	100 g	\$127
A-175-250	250 g	\$260
A-175-500	500 g	\$400

Bovine Serum Albumin (BSA), Fraction V,

Fatty Acid Free for Tissue Culture

A-421-10	10 g	\$45
A-421-25	25 g	\$69
A-421-50	50 g	\$105
A-421-100	100 g	\$159
A-421-250	250 g	\$295
A-421-500	500 g	\$535
A-421-1	1 kg	\$999

C-390

C-390-100	100 mg	\$129
C-390-250	250 mg	\$307
C-390-500	500 mg	\$582
C-390-1	1 g	\$1,105

Choline Chloride

C-850-25	25 g	\$32
C-850-100	100 g	\$45

Cytochrome C

C-640-100	100 mg	\$131
C-640-1	1 g	\$582

D-Arabitol

A-310-250	250 g	\$282
A-310-500	500 g	\$550
A-310-1	1 kg	\$1,075

D-Biotin

B-950-1	1 g	\$59
B-950-5	5 g	\$79
B-950-25	25 g	\$165
B-950-100	100 g	\$575

D-Galactose

G-010-500	500 g	\$85
G-010-1	1 kg	\$145
G-010-2.5	2.5 kg	\$329
G-010-5	5 kg	\$589

DMSO

D-360-10	10 mL	\$25
D-360-25	25 mL	\$35
D-360-100	100 mL	\$49

Popular Culture Media Additives

Epibrassinolide

E-250-10	10 mg	\$69
E-250-25	25 mg	\$95
E-250-50	50 mg	\$135
E-250-100	100 mg	\$229

Idebenone

I-850-5	5 g	\$107
I-850-10	10 g	\$169
I-850-25	25 g	\$302
I-850-100	100 g	\$888

L-Arabinose

A-300-25	25 g	\$25
A-300-100	100 g	\$55
A-300-250	250 g	\$115
A-300-500	500 g	\$209
A-300-1	1 kg	\$279
A-300-2	2 x 1 kg	\$449
A-300-5	5 kg	\$919

L-Arabitol

A-320-100	100 g	\$334
A-320-250	250 g	\$782
A-320-500	500 g	\$1,332

L-Homocysteine

H-116-100	100 mg	\$117
H-116-250	250 mg	\$233
H-116-500	500 mg	\$364

L-Sorbose

S-125-50G	50 g	\$78
S-125-100	100 g	\$137
S-125-250	250 g	\$232
S-125-500	500 g	\$375
S-125-1	1 kg	\$613

L-Tryptophan

T-115-500	500 g	\$139
T-115-1	1 kg	\$249

Magnesium Sulfate Heptahydrate

M-020-100	100 g	\$25
M-020-500	500 g	\$39
M-020-1	1 kg	\$59

Myo-Inositol

I-525-1	1 kg	\$206
I-525-5	5 kg	\$849

NAD (β -Nicotinamide Adenine Dinucleotide)

N-030-1	1 g	\$39
N-030-5	5 g	\$145
N-030-10	10 g	\$229
N-030-25	25 g	\$485

NADH (β -Nicotinamide Adenine Dinucleotide Reduced Sodium Salt)

N-035-1	1 g	\$55
N-035-5	5 g	\$225

Nalidixic Acid

N-015-100	100 g	\$258
N-015-250	250 g	\$516

NDSB-201 (Non-Detergent Sulfofetaine)

N-201-25	25 g	\$29
N-201-50	50 g	\$35
N-201-100	100 g	\$65
N-201-250	250 g	\$119

Nicotinamide (Vitamin B3)

N-640-500	500 g	\$132
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Popular Culture Media Additives

Potassium Iodide

P-440-500	500 g	\$125
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Sodium Molybdate

S-920-250	250 g	\$45
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S-920-500	500 g	\$75
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S-920-1	1 kg	\$145
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S-920-2.5	2.5 kg	\$295
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Sodium Polyanetholesulfonate

S-113-50	50 g	\$168
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S-113-100	100 g	\$291
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S-113-250	250 g	\$582
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S-113-500	500 g	\$1,038
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Sodium Pyruvate

S-117-500	500 g	\$119
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S-117-2.5	2.5 kg	\$396
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S-117-5	5 kg	\$544
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Sodium Taurocholate

S-121-10	10 g	\$146
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S-121-25	25 g	\$284
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S-121-50	50 g	\$444
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S-121-100	100 g	\$713
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Sterile Filtered DMSO

D-361-10	10 mL	\$59
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D-361-25	25 mL	\$85
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D-361-5x10	5 x 10 mL	\$125
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Trehalose

T-575-5	5 kg	\$339
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Find more additives &
cell culture products at:
goldbio.com/cellculture

Cell Proliferation

MTT (Thiazolyl Blue Tetrazolium Bromide)

T-030-1	1 g	\$45
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T-030-2.5	2.5 g	\$95
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T-030-5	5 g	\$125
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T-030-10	10 g	\$215
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XTT Sodium Salt

X-200-100	100 mg	\$130
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X-200-500	500 mg	\$579
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X-200-1	1 g	\$1,039
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RECOMBINANT PROTEINS AND CYTOKINES















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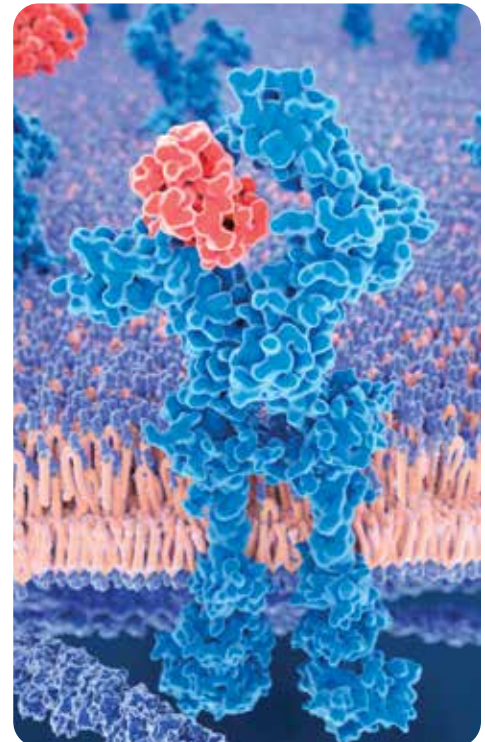
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GoldBio Recombinant Proteins & Cytokines

Our vast collection of trusted recombinant proteins, cytokines and peptide hormones are designed to allow you to perform a myriad of cell signaling mechanism experiments with reproducible results.

Browse Available Growth Factor Families

 Amyloids	 Interferons
 BMP & Noggin	 Interleukins
 Chemokines	 Lymphocytes
 Cytokines	 Neurotrophic Factors
 Defensins	 PDGF & VEGF
 EGF	 Peptide Hormones
 FGF	 Sonic Hedgehog



Find All GoldBio Growth Factors:



goldbio.com/growth-factors

Amyloids, BMPs & Noggin

Amyloids, BMPs & Noggin	Catalog	5 µg	10 µg	100 µg	500 µg
SAA1, Rhesus Macaque	2250-01		\$165		
BMP2, Human	1180-02		\$165	\$1,315	\$2,535
BMP7, Human Inactive Protein	1180-07		\$165		
Noggin, Human	1180-09	\$115		\$905	\$1,849
Noggin, Murine	1380-09	\$115		\$905	\$1,849

Chemokines

Chemokines	Catalog	5 µg	10 µg	100 µg	500 µg
CCL1, Human	2140-01		\$165		
CCL2, Human	2140-02	\$115		\$745	\$1,539
CCL3, Human	2140-03	\$115			
CCL3, Murine	2340-03		\$165		
CCL3, Rat	2540-03	\$115			
CCL3L1, Human	2140-03A	\$115			
CCL4, Human	2140-04		\$165		
CCL4, Murine	2340-04		\$165		
CCL4, Rat	2540-04	\$115			
CCL4L1, Human	2140-04A	\$115			
CCL5, Human	2140-05	\$115			
CCL5, Murine	2340-05	\$115			
CCL6, Murine	2340-06		\$165		
CCL6, Rat	2540-06		\$165		
CCL7, Human	2140-07		\$165		
CCL7, Murine	2340-07		\$165		
CCL7, Rat	2540-07		\$165		
CCL8, Human	2140-08		\$165		
CCL8, Murine	2340-08	\$115			
CCL9 (CCL10), Murine	2340-09	\$115			
CCL11, Human	2140-11	\$115			
CCL11, Murine	2340-11	\$115			
CCL11, Rat	2540-11	\$115			
CCL11, Rhesus Macaque	2240-11	\$115			
CCL12, Murine	2340-12	\$115			

Chemokines					
Chemokines	Catalog	5 µg	10 µg	100 µg	500 µg
CCL13, Human	2140-13	\$115			
CCL14 (66 a.a.), Human	2140-14A		\$165		
CCL14, Human	2140-14		\$165		
CCL15 (68 a.a.), Human	2140-15T	\$115			
CCL15, Human	2140-15	\$115			
CCL16, Human	2140-16	\$115			
CCL17, Human	2140-17	\$115			
CCL17, Murine	2340-17	\$115		\$745	\$1,539
CCL17, Rat	2540-17	\$115			
CCL18, Human	2140-18		\$165		
CCL19, Murine	2340-19	\$115			
CCL20, Human	2140-20	\$115			
CCL20, Murine	2340-20	\$115		\$745	\$1,539
CCL21, Human	2140-21	\$115			
CCL21, Murine	2340-21	\$115			
CCL22, Human	2140-22	\$115			
CCL22, Murine	2340-22	\$115			
CCL22, Rat	2540-22	\$115			
CCL23, Human	2140-23	\$115			
CCL24, Human	2140-24	\$115			
CCL24, Murine	2340-24	\$115			
CCL24, Rat	2540-24	\$115			
CCL25, Human	2140-25	\$115			
CCL25, Murine	2340-25	\$115			
CCL26, Human	2140-26	\$115			
CCL27, Murine	2340-27	\$115			
CCL28, Human	2140-28	\$115			
CCL28, Murine	2340-28	\$115			
CCL28, Rat	2540-28	\$115			
CX3CL1, Human	2130-01	\$115		\$745	\$1,539
CX3CL1, Murine	2330-01	\$115		\$745	\$1,539
CX3CL1, Rat	2530-01	\$115			
CXCL1, Human	2110-01	\$115			
CXCL1, Murine	2310-01	\$115		\$745	\$1,539
CXCL1, Rat	2510-01	\$115			
CXCL2, Human	2110-02		\$165		
CXCL2, Murine	2310-02	\$115			
CXCL2, Rat	2510-02	\$115			

Chemokines

Chemokines	Catalog	5 µg	10 µg	100 µg	500 µg
CXCL3, Human	2110-03		\$165		
CXCL3, Murine	2310-03		\$165		
CXCL3-alpha, Rat	2510-03A		\$165		
CXCL3-beta, Rat	2510-03B		\$165		
CXCL5 (5-78 a.a.), Human	2110-05	\$115			
CXCL5 (70 a.a.), Murine	2310-05T	\$115			
CXCL5 (8-78 a.a.), Human	2110-05T	\$115			
CXCL5 (92 a.a.), Murine	2310-05	\$115			
CXCL6 (CXCL5), Rat	2510-05	\$115			
CXCL9, Human	2110-09	\$115		\$745	\$1,539
CXCL9, Murine	2310-09	\$115		\$745	\$1,539
CXCL10, Human	2110-10	\$115			
CXCL10, Murine	2310-10	\$115		\$745	\$1,539
CXCL10, Rat	2510-10	\$115			
CXCL10, Rhesus macaque	2210-10	\$115			
CXCL11, Human	2110-11	\$115			
CXCL12-alpha, Human	2110-12A		\$165	\$745	\$1,539
CXCL12-alpha, Murine	2310-12A		\$165	\$745	\$1,539
CXCL12-alpha, Rat	2510-12A		\$165		
CXCL12-beta, Human	2110-12B		\$165		
CXCL12-beta, Murine	2310-12B		\$165		
CXCL12-beta, Rat	2510-12B		\$165		
CXCL12-gamma, Human	2110-12C		\$165		
CXCL13, Human	2110-13	\$115			
CXCL14, Murine	2310-14	\$115			
CXCL14, Rat	2510-14	\$115			
CXCL16, Murine	2310-16	\$115		\$745	\$1,539
CXCL17, Human	2110-17	\$115			
CXCL17, Rat	2510-17		\$165		
FAM19A2, Human	2150-01	\$115			
MIP2, Virus	2910-02		\$115		
PF4 (CXCL4), Human	2110-04	\$115			
PF4 (CXCL4), Murine	2310-04	\$115			
PPBP (CXCL7), Human	2110-07		\$165		
PPBP (CXCL7), Rat	2510-07		\$165		
XCL1, Human	2120-01	\$115			

Cytokines

Cytokines	Catalog	5 µg	10 µg	100 µg	500 µg
CSF1 (M-CSF), Human	1120-09		\$165	\$975	\$2,155
CSF1 (M-CSF), Murine	1320-09		\$165	\$975	\$2,155
CSF2 (GM-CSF), Canine	1420-03	\$115		\$1,179	\$2,535
CSF2 (GM-CSF), Human	1120-03	\$115		\$795	\$1,629
CSF2 (GM-CSF), Murine	1320-03	\$115		\$795	\$1,629
CSF2 (GM-CSF), Rat	1520-03	\$115		\$795	\$1,629
CSF2 (GM-CSF), Rhesus macaque	1220-03		\$165	\$1,305	\$2,535
CSF3 (G-CSF), Human	1120-02		\$165	\$1,315	\$2,535
CSF3 (G-CSF), Murine	1320-02		\$165	\$1,315	\$2,535
CSF3 (G-CSF), Rat	1520-02		\$165		
CSF3 (G-CSF), Rhesus macaque	1220-02		\$165	\$1,315	\$2,535
KITLG (SCF), Canine	1420-01		\$165		
KITLG (SCF), Human	1120-01		\$165		\$1,539
KITLG (SCF), Murine	1320-01		\$165	\$745	\$1,539
KITLG (SCF), Rat	1520-01		\$165		
SERPINF1, Human	1120-08	\$115			
THPO, Murine	1320-06		\$165	\$975	\$2,155
TSLP, Human	1120-07		\$165		

Defensins

Defensins	Catalog	5 µg
DEFB1, Human	1190-01	\$115
DEFB1, Murine	1390-01	\$115
DEFB1, Rat	1590-01	\$115
DEFB2, Murine	1390-02	\$115
DEFB3, Murine	1390-03	\$115
DEFB3, Rat	1590-03	\$115
DEFB4, Rat	1590-04	\$115
DEFB4A, Human	1190-02	\$115
DEFB103A, Human	1190-03	\$115
DEFB104A, Human	1190-04	\$115
DEFB105A, Human	1190-05	\$115

EGFs

<i>EGF</i>	Catalog	5 µg	10 µg	100 µg	500 µg
AREG, Human	1150-11		\$115	\$355	
BTC, Human	1170-12	\$115		\$745	\$1,539
BTC, Murine	1370-12	\$115			
EGF, Human	1150-04			\$85	\$109
EGF, Murine	1350-04			\$115	\$165
EGF, Rat	1550-04			\$305	\$599
EPGN (Epigen), Human	1150-06	\$115		\$745	\$1,539
EREG (Epiregulin), Human	1150-07	\$115		\$745	
HBEGF, Human	1150-14		\$115	\$355	\$749
HBEGF, Murine	1350-08		\$115	\$355	\$749
HBEGF, Rat	1550-08		\$115	\$355	\$749

FGFs

<i>FGF</i>	Catalog	5 µg	10 µg	100 µg	500 µg
Acidic FGF (FGF1), Human	1140-01		\$115	\$355	\$749
Acidic FGF (FGF1), Murine	1340-01		\$115	\$355	\$749
Basic FGF (FGF2), Bovine	1640-02		\$115	\$249	\$565
Basic FGF (FGF2), Human	1140-02		\$115	\$315	\$645
Basic FGF (FGF2), Murine	1340-02		\$115	\$345	\$715
Basic FGF (FGF2), Rat	1540-02		\$115	\$345	\$715
FGF4, Human	1140-04	\$115		\$745	\$1,539
FGF7/KGF1, Human	1140-07		\$165	\$1,315	\$2,535
FGF7/KGF1, Murine	1340-07		\$165	\$1,315	\$2,535
FGF8, Murine	1340-08	\$115		\$745	\$1,539
FGF9, Human	1140-09	\$115		\$905	\$1,849
FGF9, Murine	1340-09		\$165		
FGF9, Rat	1540-09	\$115		\$905	\$1,849
FGF10/KGF2, Human	1140-10	\$115		\$745	\$1,539
FGF10/KGF2, Murine	1340-10	\$115		\$745	\$1,539
FGF10/KGF2, Rat	1540-10	\$115			
FGF13, Human	1140-13	\$115			
FGF18, Murine	1340-18	\$115			
FGF18, Rat	1540-18	\$115			
FGF19, Human	1140-19	\$115		\$745	\$1,539
FGF21, Human	1140-21	\$115		\$745	\$1,539
FGF21, Murine	1340-21	\$115		\$745	\$1,539
FGF21, Rat	1540-21	\$115			
FGF23, Human	1140-23	\$115		\$905	\$1,849

Interleukins					
Interleukins	Catalog	5 µg	10 µg	100 µg	500 µg
D17Wsu104e (SF20), Murine	1310-25		\$165		
IFN-lambda1 (IL29), Human	1160-07	\$115			
IFN-lambda2 (IL28A), Murine	1360-08	\$115			
IFN-lambda3 (IL28B), Murine	1360-08B	\$115			
IL1A (IL-1 alpha), Human	1110-01A		\$165	\$1,315	\$2,535
IL1A (IL-1 alpha), Murine	1310-01A		\$165	\$1,315	\$2,535
IL1A (IL-1 alpha), Rat	1510-01A		\$165		
IL1A (IL-1 alpha), Rhesus macaque	1210-01A		\$165	\$1,315	\$2,535
IL1B (IL-1 beta), Equine	1010-01B		\$165	\$1,315	\$2,535
IL1B (IL-1 beta), Human	1110-01B		\$165	\$905	\$1,849
IL1B (IL-1 beta), Murine	1310-01B		\$165	\$1,315	\$2,535
IL1B (IL-1 beta), Porcine	1810-01B		\$165		
IL1B (IL-1 beta), Rat	1510-01B		\$165	\$1,315	\$2,535
IL1B (IL-1 beta), Rhesus macaque	1210-01B		\$165	\$1,305	\$2,535
IL1RN (IL-1RA), Equine	1010-01C	\$115			
IL1RN (IL-1RA), Human	1110-01C			\$305	\$599
IL1RN (IL-1RA), Murine	1310-01C			\$305	
IL1RN (IL-1RA), Rat	1510-01C			\$305	\$599
IL1RN (IL-1RA), Porcine	1810-01C	\$115			
IL2 (Cys141Ser), Equine	1010-02A		\$165	\$905	\$1,849
IL2, Human	1110-02		\$115	\$215	\$465
IL2, Murine	1310-02	\$115		\$709	\$1,465
IL2, Porcine	1810-02		\$165		
IL2, Rat	1510-02	\$115			
IL3 B, Rat	1510-03B	\$115			
IL3, Human	1110-03		\$165	\$745	\$1,539
IL3, Murine	1310-03		\$165	\$745	\$1,539
IL3, Rhesus macaque	1210-03		\$165		
IL4, Human	1110-04	\$115		\$795	\$1,629
IL4, Murine	1310-04	\$115		\$795	\$1,629
IL4, Rat	1510-04	\$115			
IL4, Rhesus macaque	1210-04	\$115			
IL5, Human	1110-05		\$165		
IL5, Murine	1310-05	\$115		\$745	\$1,539
IL5, Rat	1510-05		\$165		
IL6, Human	1110-06	\$115		\$745	\$1,539
IL6, Murine	1310-06		\$165	\$745	\$1,539
IL6, Rat	1510-06		\$165		
IL6, Rhesus macaque	1210-06		\$165	\$1,305	\$2,535

Interleukins

<i>Interleukins</i>	Catalog	5 µg	10 µg	100 µg	500 µg
IL7, Human	1110-07		\$165	\$1,315	\$2,535
IL7, Murine	1310-07		\$165	\$1,315	\$2,535
IL7, Rat	1510-07		\$165		
IL8, Canine	1410-08	\$115			
IL8, Human (72 a.a.)	1110-08A	\$115		\$745	\$1,539
IL8, Human (77 a.a.)	1110-08B	\$115		\$745	\$1,539
IL8, Porcine	1810-08		\$165		
IL8, Rhesus macaque	1210-08	\$115		\$1,219	\$2,535
IL9, Human	1110-09		\$165		
IL9, Rat	1510-09		\$165		
IL10, Human	1110-10		\$165	\$1,315	\$2,535
IL10, Murine	1310-10		\$165	\$1,315	\$2,535
IL11, Human	1110-11		\$165	\$1,315	\$2,535
IL11, Murine	1310-11		\$165	\$1,315	\$2,535
IL13, Human	1110-13		\$165	\$1,315	\$2,535
IL13, Human (Variant)	1110-13V		\$165		
IL13, Murine	1310-13		\$165	\$1,315	\$2,535
IL13, Rat	1510-13		\$165		
IL13, Rat (113 a.a.)	1510-13B		\$165		
IL13, Rhesus macaque	1210-13		\$165		
IL15, Human	1110-15		\$165	\$905	\$1,849
IL16, Human (121 a.a.)	1110-16		\$165		
IL16, Human (130 a.a.)	1110-16B		\$165		
IL16, Murine (121 a.a.)	1310-16		\$165		
IL16, Rhesus macaque	1210-16		\$165		
IL17A, Human	1110-17	\$115		\$745	\$1,539
IL17A, Rat	1510-17	\$115		\$745	\$1,539
IL17B, Human	1110-17B	\$115			
IL17F, Human	1110-17F	\$115			
IL19, Human	1110-19		\$165		
IL20, Human	1110-20		\$165		
IL21, Human	1110-21		\$165	\$1,315	
IL21, Murine	1310-21		\$165		
IL21, Rat	1510-21		\$165	\$1,315	\$2,535
IL22, Human	1110-22		\$165	\$1,315	\$2,535
IL22, Murine	1310-22		\$165	\$1,315	\$2,535
IL22, Rat	1510-22		\$165	\$1,315	\$2,535
IL31, Human	1110-31		\$165		

Interleukins

Interleukins	Catalog	5 µg	10 µg	100 µg	500 µg
IL33, Human	1110-33		\$165	\$1,315	\$2,535
IL33, Murine	1310-33		\$165	\$1,315	\$2,535
IL33, Rat	1510-33		\$165	\$1,315	\$2,535
IL36A (IL-36 alpha), Human (153 a.a.)	1110-36B		\$165	\$1,315	\$2,535
IL36A (IL-36 alpha), Human (158 a.a.)	1110-36A		\$165		
IL36A (IL-36 alpha), Murine (153 a.a.)	1310-36B		\$165		
IL36A (IL-36 alpha), Murine (160 a.a.)	1310-36A		\$165	\$1,315	\$2,535
IL36B (IL-36 beta), Human (153 a.a.)	1110-36D		\$165	\$1,315	\$2,535
IL36B (IL-36 beta), Human (157 a.a.)	1110-36C		\$165	\$1,315	\$2,535
IL36B (IL-36 beta), Murine (153 a.a.)	1310-36D		\$165	\$1,315	\$2,535
IL36B (IL-36 beta), Murine (183 a.a.)	1310-36C		\$165	\$1,315	\$2,535
IL36G (IL-36 gamma), Human (152 a.a.)	1110-36F		\$165	\$1,315	\$2,535
IL36G (IL-36 gamma), Human (169 a.a.)	1110-36E		\$165		
IL36RN (IL-36RA), Human	1110-36G	\$115		\$745	\$1,539
IL36RN (IL-36RA), Murine	1310-36G		\$165	\$745	\$1,539

Interferons

Interferons	Catalog	5 µg	10 µg	100 µg	500 µg
IFN-alpha1A, Human	1160-01			\$249	\$505
IFN-alpha1B, Human	1160-02		\$165		
IFN-alpha2A, Human	1160-03			\$249	\$505
IFN-alpha2B (E. coli), Human	1160-04E			\$249	
IFN-alpha2B (S. cerevisiae), Human	1160-04Y			\$345	
IFN-gamma, Canine	1460-06			\$365	\$665
IFN-gamma, Equine	1060-06			\$365	
IFN-gamma, Human	1160-06			\$305	\$599
IFN-gamma, Murine	1360-06			\$305	\$599
IFN-gamma, Rat	1560-06			\$305	\$599
IFN-lambda1 (IL29), Human	1160-07	\$115			
IFN-lambda2 (IL28A), Murine	1360-08	\$115			
IFN-lambda3 (IL28B), Murine	1360-08B	\$115			
IFN-omega1, Human	1160-09			\$305	

Lymphoids/ Lymphocytes

<i>Lymphoids / Lymphocytes</i>	Catalog	5 µg	10 µg	100 µg	500 µg
FLT3LG, Human	1130-05		\$165	\$905	\$1,849
LIF, Human	1130-07	\$115		\$709	\$1,465
LIF, Murine	1330-07	\$115		\$709	\$1,465
TNF-α (His), Human	1130-01H		\$115	\$489	\$1,019
TNF-α (Variant), Human	1130-012		\$115	\$379	\$805
TNF-α, Human	1130-01		\$115	\$355	\$749
TNF-α, Murine	1330-01	\$115		\$745	\$1,539

Neurotrophic Factors

<i>Neurotrophic Factors</i>	Catalog	5 µg	10 µg	100 µg	500 µg
CDNF, Murine	1370-16	\$115			
CDNF, Rat	1570-16	\$115			
CNTF, Human	1170-08	\$115			
CNTF, Murine	1370-08	\$115		\$745	\$1,539
CNTF, Rat	1570-08	\$115		\$745	\$1,539
FAM19A2, Human	2150-01	\$115			
GDNF, Human	1170-14		\$165	\$1,315	\$2,535
GDNF, Rat	1570-14		\$165	\$1,315	\$2,535
GMFB, Human	1170-07		\$165		
GMFB, Murine	1370-07		\$165		
GMFB, Rat	1570-07		\$165		
MANF, Human	1170-15	\$115			
MDK, Human	1170-18	\$115			
MDK, Murine	1370-18	\$115			
MDK, Rat	1570-18	\$115			
NPPB, Human	1170-09			\$365	
NRG1-alpha, Human	1170-20		\$115		
NRG1-beta1 (177-241 a.a.), Human	1170-10B		\$115		
NRG1-beta2, Human	1170-10		\$115	\$355	\$749
NRN1, Human	1170-22	\$115			
NTF4, Human	1170-04		\$165	\$1,315	\$2,535
PSPN, Human	1170-23	\$115			
PSPN, Murine	1370-23	\$115			
PTN, Human	1170-21	\$115			

PDGFs & VEGFs

PDGF & VEGF	Catalog	5 µg	10 µg	100 µg	500 µg
PDGFAA (dimer), Rat	1550-14		\$165	\$905	\$1,849
PDGFBB (dimer), Human	1150-10		\$165	\$575	\$1,579
VEGF120, Murine	1350-06		\$165	\$905	\$1,849
VEGF164, Murine	1350-07		\$165	\$905	\$1,849
VEGF164, Rat	1550-07		\$165	\$905	\$1,849

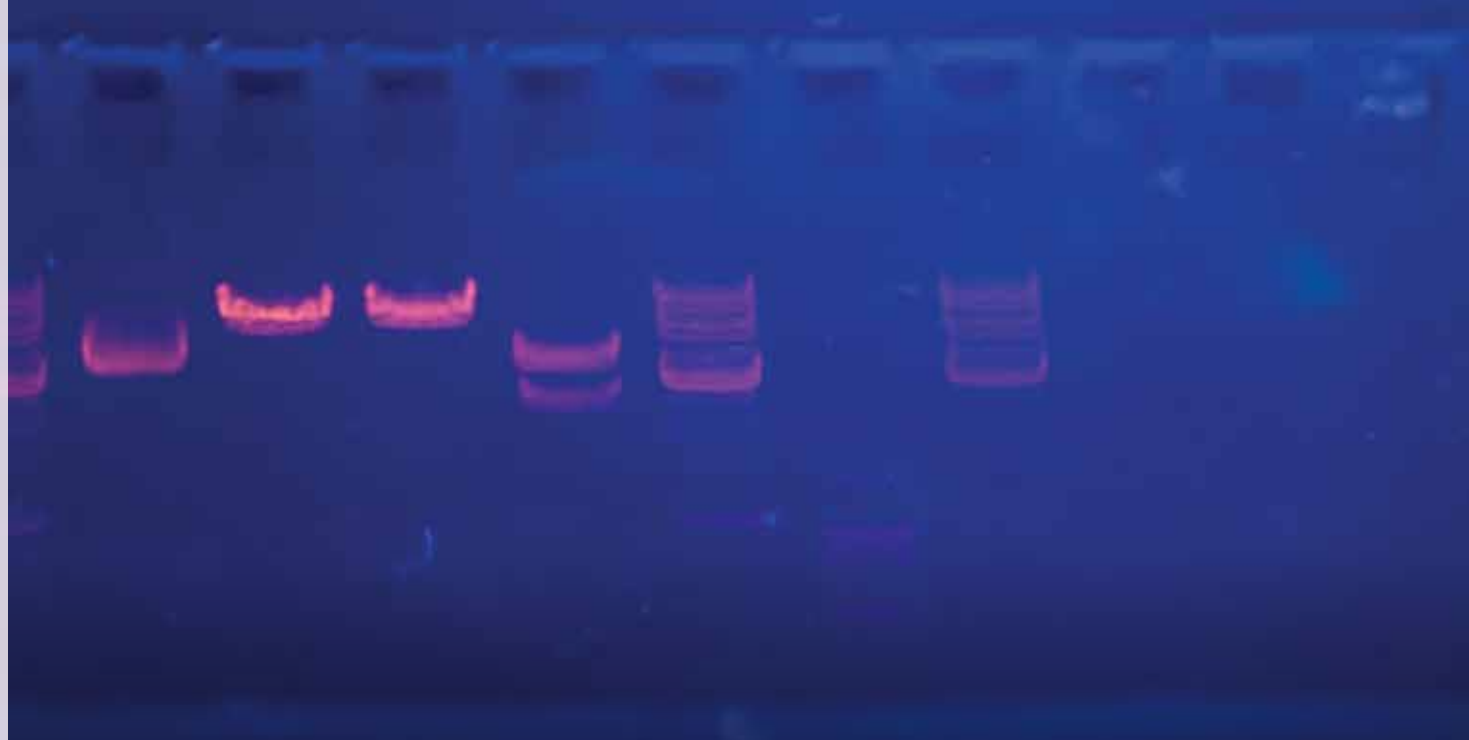
Peptide Hormones

Peptide Hormones	Catalog	5 µg	10 µg	100 µg	500 µg
CYR61, Human	1150-18	\$115			
IGF1 DES, Human	1150-01B			\$165	
IGF1, 15N, Human	1150-01N		\$115		\$895
IGF1, Human	1150-01			\$115	\$165
IGF1, Murine	1350-01		\$115	\$345	\$715
IGF1, Rat	1550-01		\$115	\$355	\$749
IGFBP3, Human	1150-01B3	\$115		\$745	\$1,539
IGFBP7, Human	1150-01B7	\$115			
NOV, Human	1150-01B9	\$115			
NOV, Murine	1350-01B9	\$115			
PRL, Murine	3310-10		\$115		
PRL, Rat	3510-10		\$115		
PTH (1-34), Human	3110-03			\$365	\$665
PTH (1-84), Human	3110-05			\$365	\$665
PTH (7-34), Human	3110-04			\$365	\$665
PTH (7-84), 15N, Human	3110-12N		\$115	\$639	\$1,299
PTH (7-84), Human	3110-12			\$365	\$665
PTH 1-84 (15N), Human	3110-05N		\$115	\$639	\$1,299
PTH LH, 15N, Human	3110-07N	\$115		\$655	\$1,325
PTH LH, Human	3110-07		\$115		

Sonic Hedgehog (SHH)

Sonic Hedgehog (SHH)	Catalog	5 µg	10 µg	100 µg	500 µg
SHH, Human	6110-19	\$115		\$709	\$1,465
SHH, Murine	6310-19	\$115		\$709	\$1,465

DNA ELECTROPHORESIS



Contents

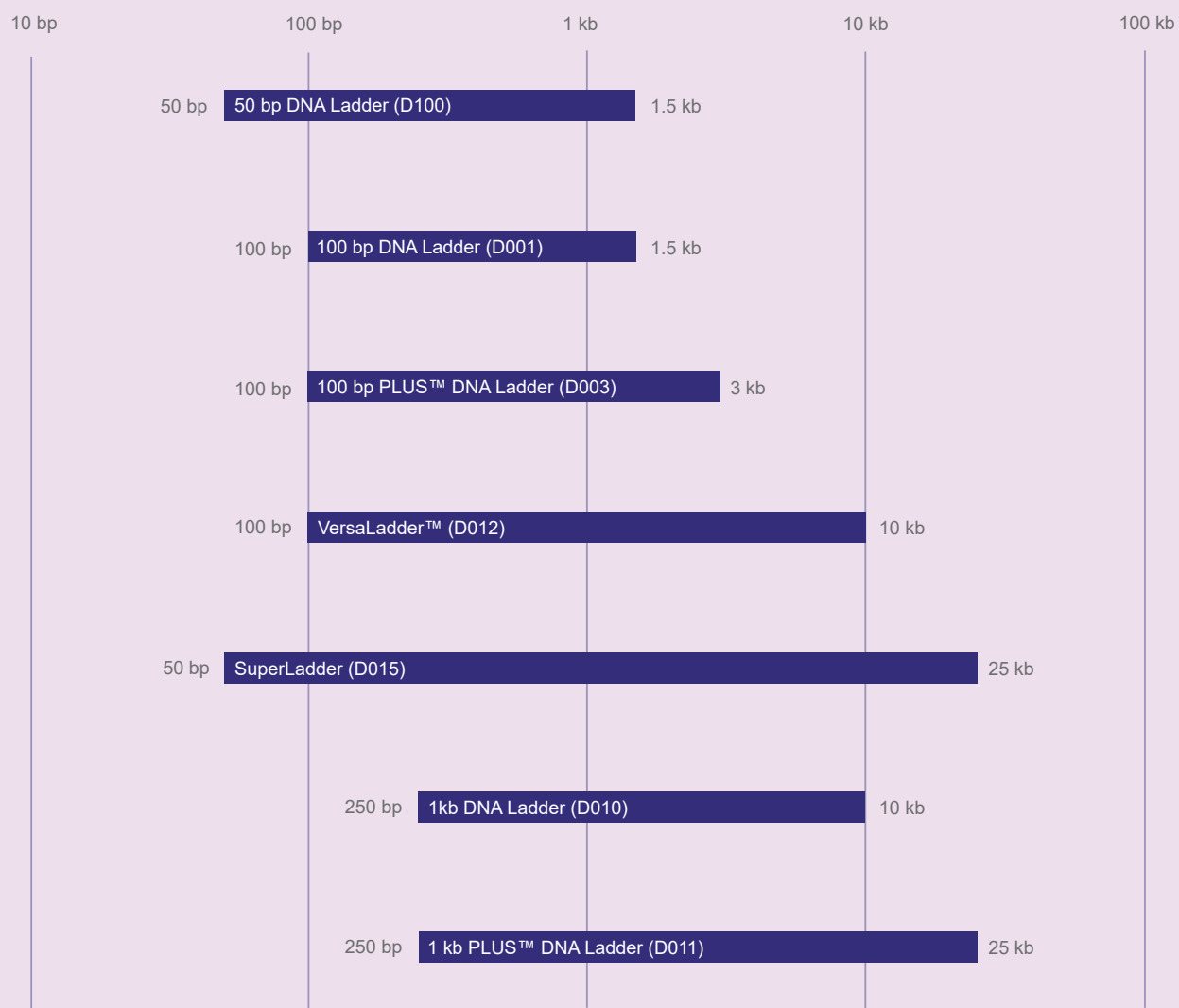
<i>Section</i>	<i>Page</i>	<i>Section</i>	<i>Page</i>
DNA Ladders at a Glance	53	Electrophoresis Products	55
DNA Ladders	54		

DNA Ladders

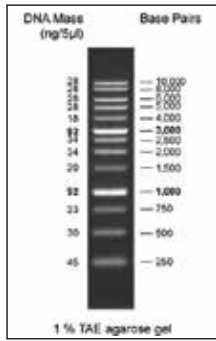
- Ready-to-use, no need to add tracking dye.
- Only requires 3-5 μ L per load.
- Crisp, easy to read bands.
- Ships at ambient temperatures.

Gold Biotechnology offers an assortment of ready-to-use DNA ladders for gel electrophoresis. Whether the specific DNA you need to run is a high base-pair or low base-pair size or even if you have both, GoldBio has a ladder that is convenient and fits your needs. GoldBio's 1 kb and 1 kb Plus™ ladders are designed for standard digestion or ligation sized pieces, with bands ranging from 250 bp -10 kb or 250 - 25 kb respectively. For smaller PCR sized pieces, use our 100 bp, 100 bp Plus™ or our ultra-small 50 bp ladders. If your research calls for a variety of sizing, use the GoldBio VersaLadder™ or SuperLadder, which have perfect combinations of both high and low sized bands.

GoldBio DNA Ladders at a Glance



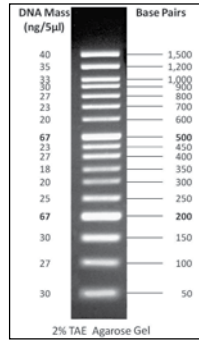
DNA Ladders



1 kb DNA Ladder

D010-500	500 µL	\$49
D010-1000	2 x 500 µL	\$95
D010-1500	3 x 500 µL	\$135
D010-2000	4 x 500 µL	\$169
D010-2500	5 x 500 µL	\$189
D010-3000	6 x 500 µL	\$215

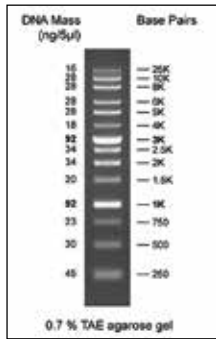
Range: 250 - 10,000 bp
Bands: 13



50 bp DNA Ladder

D100-500	500 µL	\$62
D100-1000	2 x 500 µL	\$115
D100-1500	3 x 500 µL	\$165
D100-2000	4 x 500 µL	\$210
D100-2500	5 x 500 µL	\$245
D100-3000	6 x 500 µL	\$275

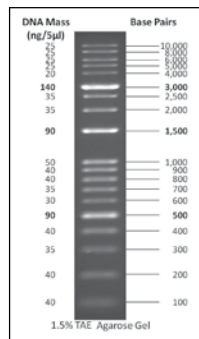
Range: 50 - 1,500 bp
Bands: 17



1 kb PLUS™ DNA Ladder

D011-500	500 µL	\$62
D011-1000	2 x 500 µL	\$115
D011-1500	3 x 500 µL	\$165
D011-2000	4 x 500 µL	\$210
D011-2500	5 x 500 µL	\$245
D011-3000	6 x 500 µL	\$275

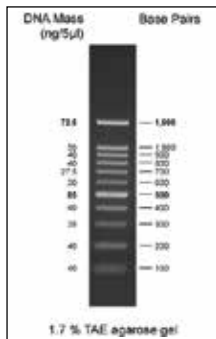
Range: 250 - 25,000 bp
Bands: 14



VersaLadder™

D012-500	500 µL	\$62
D012-1000	2 x 500 µL	\$115
D012-1500	3 x 500 µL	\$165
D012-2000	4 x 500 µL	\$210
D012-2500	5 x 500 µL	\$245
D012-3000	6 x 500 µL	\$275

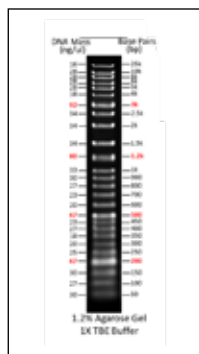
Range: 100 - 10,000 bp
Bands: 19



100 bp DNA Ladder

D001-500	500 µL	\$49
D001-1000	2 x 500 µL	\$95
D001-1500	3 x 500 µL	\$135
D001-2000	4 x 500 µL	\$169
D001-2500	5 x 500 µL	\$189
D001-3000	6 x 500 µL	\$215

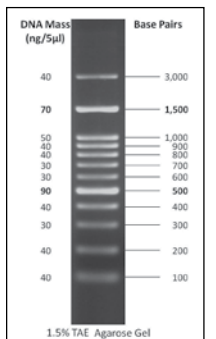
Range: 100 - 1,500 bp
Bands: 11



SuperLadder, (50 bp-25 kb)

D015-500	500 µL	\$69
D015-1000	2 x 500 µL	\$135
D015-1500	3 x 500 µL	\$195
D015-2000	4 x 500 µL	\$249
D015-2500	5 x 500 µL	\$299
D015-3000	6 x 500 µL	\$345

Range: 50 - 25,000 bp
Bands: 26



100 bp PLUS™ DNA Ladder

D003-500	500 µL	\$49
D003-1000	2 x 500 µL	\$95
D003-1500	3 x 500 µL	\$135
D003-2000	4 x 500 µL	\$169
D003-2500	5 x 500 µL	\$189
D003-3000	6 x 500 µL	\$215

Range: 100 - 3,000 bp
Bands: 12

Ethidium Bromide Alternatives

Choose GelRed™, a safer alternative to ethidium bromide. Primary safety features:

- Cannot penetrate latex gloves.
- Cannot penetrate the cell membrane.
- Metabolized compounds do not interact with DNA.

GelRed™ Nucleic Acid Gel

Stain 10,000X in Water

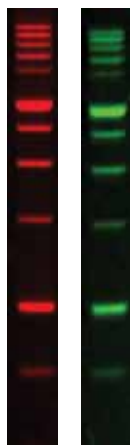
G-725-500	500 µL	\$136
G-725-1	1 mL	\$265
G-725-2	2 mL	\$515
G-725-10	10 mL	\$2,210

GelGreen™ Nucleic Acid Gel

Stain 10,000X in Water

G-745-500	500 µL	\$131
G-745-1	1 mL	\$255
G-745-2	2 mL	\$495
G-745-10	10 mL	\$1,967

DMSO options available at goldbio.com



Agarose



Agarose LE

A-201-100	100 g	\$125
A-201-500	500 g	\$415
A-201-1000	1 kg	\$705

Low Melt Agarose

A-204-25	25 g	\$145
A-204-100	100 g	\$315

TAE Buffers

- EDTA Disodium, Dihydrate (E-210)
- Tris Base (T-400)
- Tris HCl (T-095)

Loading Dyes

6x Blue Loading Dye

L002-5	5 mL	\$29
L002-10	2 x 5 mL	\$59
L002-20	4 x 5 mL	\$109
L002-50	10 x 5 mL	\$249

6x Green Loading Dye

L001-5	5 ml	\$29
L001-10	2 x 5 ml	\$59
L001-20	4 x 5 ml	\$109
L001-50	10 x 5 ml	\$249

Tricolor Loading Dye

L004-5	5 mL	\$29
L004-10	2 x 5 mL	\$59
L004-20	4 x 5 mL	\$109
L004-50	10 x 5 mL	\$249

Orange Loading Dye

L003-5	5 mL	\$29
L003-10	2 x 5 mL	\$59
L003-20	4 x 5 mL	\$109
L003-50	10 x 5 mL	\$249

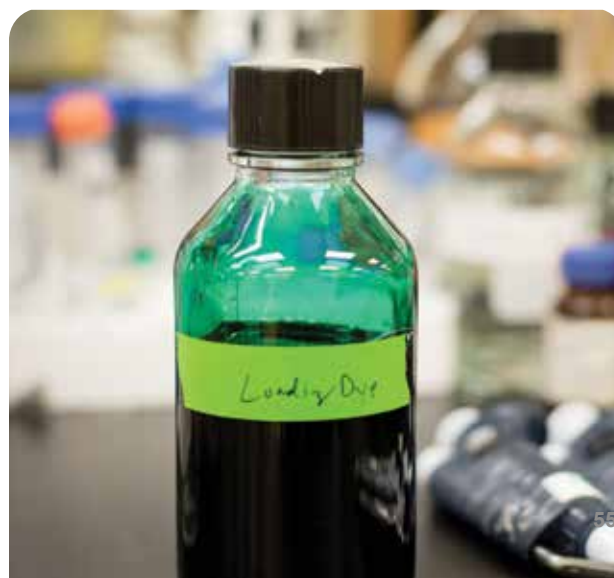
6x GelRed™ Prestain Loading

Buffer with Orange Tracking Dye

G-735-1	1 mL	\$94
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Bromophenol Blue Free Acid

B-092-5	5 g	\$39
B-092-25	25 g	\$49
B-092-100	100 g	\$115



E. COLI COMPETENT CELLS

E. COLI COMPETENT CELLS

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GoldBio Competent Cells



Convenient Pack Sizes & Volumes

Choose from several volume and pack size combinations.



Reproducibility

Get consistent results every time.



Lot-To-Lot Consistency

No variability in your transformation efficiency.



Affordability

Better quality and significantly more affordable.



Time-Savings

Save time and get back to the real research.



Wide Variety

Browse a selection of major strains.

Chemically Competent *E. coli* Cells**BL21 (DE3) Chemically****Efficiency** ≥ 1 x 10⁶ cfu/μg pUC19 DNA**Competent *E. coli* Cells**

CC-103-5x50	5 x 50 μL	\$59
CC-103-10x50	10 x 50 μL	\$105
CC-103-15x50	15 x 50 μL	\$139
CC-103-20x50	20 x 50 μL	\$165

Genotype *F-ompT hsdS(rB- mB-) gal dcm λ(DE3)***BL21 Chemically****Efficiency** ≥ 1 x 10⁶ cfu/μg pUC19 DNA**Competent *E. coli* Cells**

CC-102-5x50	5 x 50 μL	\$59
CC-102-10x50	10 x 50 μL	\$105
CC-102-15x50	15 x 50 μL	\$139

Genotype *F- dcm ompT hsdS(rB- mB-) gal [malB+]K-12(λS)***GB10B™ Chemically****Efficiency** ≥ 8 x 10⁶ cfu/μg pUC19 DNA**Competent *E. coli* Cells**

CC-100-5x50	5 x 50 μL	\$59
CC-100-5x100	5 x 100 μL	\$105
CC-100-10x50	10 x 50 μL	\$105
CC-100-15x50	15 x 50 μL	\$139
CC-100-20x50	20 x 50 μL	\$165
CC-100-10x100	10 x 100 μL	\$179
CC-100-15x100	15 x 100 μL	\$239
CC-100-20x100	20 x 100 μL	\$305

Genotype *F- mcrA Δ(mrr-hsdRMS-mcrBC) endA1 recA1 φ80d-lacZΔM15 ΔlacX74 araD139 Δ(ara, leu)7697 galU galK rpsL (StrR) nupG λ-***GB5-alpha™ Chemically****Efficiency** ≥ 5 x 10⁶ cfu/μg pUC19 DNA**Competent *E. coli* Cells**

CC-101-5x50	5 x 50 μL	\$59
CC-101-5x100	5 x 100 μL	\$105
CC-101-10x50	10 x 50 μL	\$105
CC-101-15x50	15 x 50 μL	\$139
CC-101-20x50	20 x 50 μL	\$165
CC-101-10x100	10 x 100 μL	\$180
CC-101-15x100	15 x 100 μL	\$242

Genotype *Φ80 Δ(lacZ)M15 fhuA2 Δ(argF-lacZ)U169 phoA glnV44 gyrA96 recA1 relA1 endA1 thi-1 hsdR17***Storage: Competent cells at -80°C. Recovery medium at 4°C.****Competent cells ship next day on dry ice.**

Chemically Competent *E. coli* Cells**DL39 (DE3) Chemically****Efficiency** $\geq 1 \times 10^7$ cfu/ μ g pUC19 DNA**Competent *E. coli* Cells**CC-104-5x50 5 x 50 μ L \$59CC-104-10x50 10 x 50 μ L \$105**Genotype** *F*⁻, λ ⁻, *aspC13*, *fnr-25*, *rph-1*, *ilvE12*, *tyrB507*, λ DE3**HB101 Chemically****Efficiency** $\geq 7 \times 10^6$ cfu/ μ g pUC19 DNA**Competent *E. coli* Cells**CC-150-5x50 5 x 50 μ L \$59CC-150-10x50 10 x 50 μ L \$105**Genotype** *F*- λ araC14 *leuB6*(Am) *DE*(*gpt-proA*)62 *lacY1* *glnX44*(AS) *galK2*(Oc) *recA13* *rpsL20*(*strR*) *xylA5* *mtl-1* *thiE1* *hsdS20*(*rB*⁻, *mB*⁻)**JM109 Chemically****Efficiency** $\geq 6 \times 10^5$ cfu/ μ g pUC19 DNA**Competent *E. coli* Cells**CC-114-5x50 5 x 50 μ L \$59CC-114-10x50 10 x 50 μ L \$105**Genotype** *endA1*, *recA1*, *gyrA96*, *thi*, *hsdR17* (*rk*⁻, *mk*⁺), *relA1*, *supE44*, Δ (*lac-proAB*), [*F'* *traD36*, *proAB*, *lacI*^q Δ M15]**RR1 Chemically****Efficiency** $\geq 3 \times 10^7$ cfu/ μ g pUC19 DNA**Competent *E. coli* Cells**CC-113-5x50 5 x 50 μ L \$59CC-113-10x50 10 x 50 μ L \$105**Genotype** *F*- λ araC14 *leuB6*(Am) *DE*(*gpt-proA*)62 *lacY1* *glnX44*(AS) *galK2*(Oc) *recA*⁺ *rpsL20*(*strR*) *xylA5* *mtl-1* *thiE1* *hsdS20*(*rB*⁻, *mB*⁻)

KEY:



Cloning



Protein Expression

Electrocompetent *E. coli* Cells

BL21 (DE3) Electrocompetent



Efficiency

$\geq 1 \times 10^8$ cfu/ μ g pUC19 DNA

E. coli Cells

CC-204-5x50	5 x 50 μ L	\$119
CC-204-10x50	10 x 50 μ L	\$215
CC-204-15x50	15 x 50 μ L	\$295

Genotype

F-ompT hsdS(rB- mB-) gal dcm λ (DE3)

GB10B™ Electrocompetent *E. coli* Cells



Efficiency

$\geq 2 \times 10^8$ cfu/ μ g pUC19 DNA

CC-200-5x50	5 x 50 μ L	\$119
CC-200-5x100	5 x 100 μ L	\$185
CC-200-10x50	10 x 50 μ L	\$215
CC-200-15x50	15 x 50 μ L	\$295
CC-200-10x100	10 x 100 μ L	\$319
CC-200-15x100	15 x 100 μ L	\$468

Genotype

F- mcrA Δ (mrr-hsdRMS-mcrBC) endA1 recA1 ϕ 80d-lacZ Δ M15 Δ lacX74 araD139 Δ (ara, leu)7697 galU galK rpsL (StrR) nupG λ -

GB10B-Pro™ Electrocompetent



Efficiency

$\geq 1 \times 10^9$ cfu/ μ g pUC19 DNA

E. coli Cells

CC-201-5x50	5 x 50 μ L	\$119
CC-201-10x50	10 x 50 μ L	\$215
CC-201-5x100	5 x 100 μ L	\$215
CC-201-15x50	15 x 50 μ L	\$295
CC-201-10x100	10 x 100 μ L	\$580
CC-201-15x100	15 x 100 μ L	\$842

Genotype

F- mcrA Δ (mrr-hsdRMS-mcrBC) endA1 recA1 ϕ 80d-lacZ Δ M15 Δ lacX74 araD139 Δ (ara, leu)7697 galU galK rpsL (StrR) nupG λ -

Competent Cell Recovery Medium

Competent Cell Recovery Medium

CC-300-A	6 x 12 ml	\$80
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GoldBio's **Competent Cell Recovery Medium** has a superior formulation recommended for all competent cell transformation.

Storage/Handling: This product may be shipped frozen but should be stored at 4°C immediately upon arrival.



Storage: Competent cells at -80°C. Recovery medium at 4°C.



Competent cells ship next day on dry ice.

Electrocompetent *E. coli* Cells

GB5-alpha™ Electrocompetent



Efficiency

≥5 x 10⁸ cfu/μg pUC19 DNA*E. coli* Cells

CC-203-5x50	5 x 50 μL	\$119
CC-203-5x100	5 x 100 μL	\$185
CC-203-10x50	10 x 50 μL	\$215
CC-203-15x50	15 x 50 μL	\$295
CC-203-10x100	10 x 100 μL	\$315
CC-203-15x100	15 x 100 μL	\$399

Genotype

Φ80 Δ(lacZ)M15 fhuA2 Δ(argF-lacZ)U169 phoA glnV44 gyrA96 recA1 relA1 endA1 thi-1 hsdR17

TG1 Phage Display



Efficiency

≥1 x 10⁹ cfu/μg pUC19 DNA

Electrocompetent Cells

CC-205-5x100	5 x 100 μL	\$188
CC-205-10x100	10 x 100 μL	\$326
CC-205-15x100	15 x 100 μL	\$476

Genotype

F' [traD36 proAB+ lacIq lacZΔM15] supE thi-1 Δ(m-crB-hsdSM)5(rK-mK-) Δ(lac-proAB)

Special Offer:

5 Free Electroporation Cuvettes With Each Electrocompetent Cell Pack Size Ordered*

With every purchase of our high-quality electrocompetent cells, we are including five complimentary electroporation cuvettes.

*5 free cuvettes per pack ordered. Offer does not correspond to the number of tubes ordered. No coupon code needed.



KEY:



Cloning



Protein Expression

PROTEIN EXPRESSION & PURIFICATION

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Inducers & Reducing Agents

IPTG

I2481C	1 g	\$25
I2481C5	5 g	\$35
I2481C25	25 g	\$145
I2481C50	50 g	\$225
I2481C100	100 g	\$415
I2481C200	200 g	\$795
I2481C300	300 g	\$1,059
I2481C400	400 g	\$1,375
I2481C500	500 g	\$1,655

IPTG EZ Pak™ for 1M Solution

I2481-EZ10	10 mL	\$75
I2481-EZ50	50 mL	\$115
I2481-EZ100	100 mL	\$185

DTE (Dithioerythritol)

D-260-5	5 g	\$68
D-260-25	25 g	\$163
D-260-50	50 g	\$298
D-260-100	100 g	\$527
D-260-250	250 g	\$1,213

DTT (Dithiothreitol)

(> 99% pure) Protease free

DTT10	10 g	\$65
DTT25	25 g	\$135
DTT50	50 g	\$239
DTT100	100 g	\$385
DTT500	500 g	\$1,715

Glutathione reduced ethyl ester

G-275-500	500 mg	\$294
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Glutathione, Oxidized

G-060-1	1 g	\$39
G-060-5	5 g	\$75
G-060-10	10 g	\$125
G-060-25	25 g	\$225
G-060-100	100 g	\$519

L-Glutathione, Reduced

G-155-25	25 g	\$89
G-155-50	50 g	\$165
G-155-100	100 g	\$295
G-155-250	250 g	\$505
G-155-500	500 g	\$945
G-155-1000	1 kg	\$1,765

TCEP HCl

TCEP1	1 g	\$29
TCEP2	2 g	\$49
TCEP5	5 g	\$89
TCEP10	10 g	\$145
TCEP25	25 g	\$289
TCEP50	50 g	\$529
TCEP100	100 g	\$1,035

Detergents

Anionic

Glycochenodeoxycholic acid

G-540-25	25 g	\$312
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Glycochenodeoxycholic acid,
Sodium salt

G-590-5	5 g	\$204
G-590-10	10 g	\$316
G-590-25	25 g	\$717
G-590-50	50 g	\$1,062

Cationic

Cetylpyridinium chloride

C-120-100	100 g	\$76
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Chlorhexidine

C-615-1	1 g	\$107
C-615-5	5 g	\$422

Chlorhexidine HCl

C-725-5	5 g	\$60
C-725-25	25 g	\$220

Chlorhexidine diacetate salt

C-250-25	25 g	\$214
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Hexadecylpyridinium bromide

H-615-100	4 x 25 g	\$80
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Ionic

Deoxycholic Acid Sodium Salt

D-070-25	25 g	\$90
D-070-100	100 g	\$238

Non-ionic

Digitonin Special Grade
(Water Soluble)

D-180-250	250 mg	\$125
D-180-1	1 g	\$299
D-180-2.5	2.5 g	\$615
D-180-5	5 g	\$1,129
D-180-10	10 g	\$2,079

n-Dodecyl-B-D-maltoside (DDM)

DDM5	5 g	\$145
DDM10	10 g	\$275
DDM25	25 g	\$635
DDM50	50 g	\$1,129
DDM100	100 g	\$2,049

Octylglucoside, Ultra Pure

O-110-5	5 g	\$115
O-110-10	10 g	\$205
O-110-25	25 g	\$309
O-110-50	50 g	\$589

Octylthioglucoside

O-130-5	5 g	\$135
O-130-10	10 g	\$239
O-130-25	25 g	\$405
O-130-50	50 g	\$739

Tridecyl beta-D-maltopyranoside

T-290-100	100 mg	\$78
T-290-250	250 mg	\$119
T-290-500	500 mg	\$194
T-290-1	1 g	\$288
T-290-2	2 g	\$525

Zwitterionic

CHAPS

C-080-1	1 g	\$35
C-080-5	5 g	\$65
C-080-10	10 g	\$79
C-080-25	25 g	\$155
C-080-100	100 g	\$375
C-080-250	250 g	\$745
C-080-500	500 g	\$1,335

NDSB-201

(Non-detergent sulfobetaine)

N-201-25	25 g	\$29
N-201-50	50 g	\$35
N-201-100	100 g	\$65
N-201-250	250 g	\$119

Cell Lysis Buffers

Bacterial Cell Lysis Buffer

GB-177-100	100 mL	\$75
GB-177-500	500 mL	\$145

GB-176-100	100 Preps	\$199
GB-176-250	250 Preps	\$345
GB-176-500	500 Preps	\$639

Mammalian Cell Lysis Buffer

GB-180-100	100 mL	\$75
GB-180-500	500 mL	\$145

Tissue Cell Lysis Buffer

GB-181-100	100 mL	\$75
GB-181-500	500 mL	\$145

Yeast Spheroplast Lysis Buffer

GB-179-100	100 mL	\$75
GB-179-500	500 mL	\$145

Yeast Lysis Buffer Kit plus Zymolyase

GB-178	100 Preps	\$199
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Cell Lysis Reagents

Cellulase R-10

C8001.0001	1 g	\$105
C8001.0005	5 g	\$225
C8001.0010	10 g	\$319

Cellulase RS

C8003.0001	1 g	\$155
C8003.0005	5 g	\$449
C8003.0010	10 g	\$705

DNase I, Bovine Pancreas

(Lysate Tested), >500 Kunitz U/mg

D-300-100	100 mg	\$55
D-300-500	500 mg	\$145
D-300-1	1 g	\$255
D-300-5	5 g	\$1,019

DNase I, Bovine Pancreas

(Lysate Tested), >300 Kunitz U/mg

D-303-100	100 mg	\$45
D-303-500	500 mg	\$115
D-303-1	1 g	\$209
D-303-5	5 g	\$835

Guanidine HCl

G-211-50	50 g	\$35
G-211-100	100 g	\$39
G-211-500	500 g	\$59
G-211-1	1 kg	\$89
G-211-3	3 kg	\$259
G-211-5	5 kg	\$415

Lysozyme, Egg White

L-040-1	1 g	\$29
L-040-5	5 g	\$59
L-040-10	10 g	\$85
L-040-25	25 g	\$145
L-040-100	100 g	\$279
L-040-250	250 g	\$635

Macerozyme R-10

M8002.0001	1 g	\$105
M8002.0005	5 g	\$225
M8002.0010	10 g	\$319

Protease Inhibitors

Features:

- Active against a variety of cysteine and serine proteases.
- Reversible and irreversible options.

S AEBSF

A-540-500	500 mg	\$65
A-540-1	1 g	\$115
A-540-2.5	2.5 g	\$245
A-540-5	5 g	\$365
A-540-10	10 g	\$659
A-540-25	25 g	\$1,475

↔ S Aprotinin

A-655-25	25 mg	\$65
A-655-100	100 mg	\$155

↔ S Benzamidine Hydrochloride Monohydrate

B-050-50	50 g	\$73
B-050-100	100 g	\$117
B-050-250	250 g	\$204
B-050-500	500 g	\$335
B-050-1	1 kg	\$553

C E-64

E-064-5	5 mg	\$99
E-064-25	25 mg	\$155
E-064-100	100 mg	\$449

↔ C S Leupeptin Hemisulfate

L-010-5	5 mg	\$55
L-010-25	25 mg	\$105
L-010-100	100 mg	\$335

↔ A Pepstatin A

P-020-5	5 mg	\$49
P-020-25	25 mg	\$145
P-020-100	100 mg	\$415

S Phenylmethylsulfonyl Fluoride (PMSF)

P-470-10	10 g	\$69
P-470-25	25 g	\$125
P-470-50	50 g	\$239
P-470-100	100 g	\$359

↔ S Trypsin Inhibitor, Soybean, Purified >10,000 U

T-166-100	100 mg	\$115
T-166-500	500 mg	\$415
T-166-1	1 g	\$741

KEY:

↔ Reversible

A Aspartic Proteases

C Cysteine Proteases

S Serine Proteases

Protease Inhibitor Cocktails

GoldBio's protease inhibitor cocktails are ready-to-use solutions that contain irreversible and reversible protease inhibitors at optimized concentrations to inhibit serine and cysteine proteases, as well as other proteases. These cocktails are available EDTA free, making it perfect for 2D gel analysis, or they are available with an optional EDTA solution for the inhibition of metalloproteases.

Purification Suitability

- Animal cells and tissues
- Plant tissue
- Yeast
- Bacteria

Protease Inhibitors

Cocktails contain both irreversible and reversible protease inhibitors to inhibit serine, cysteine and other proteases. EDTA is packed separately for metalloprotease inhibition (GB-108, GB-334, GB-336).

Storage & Shipping

Store protease inhibitor cocktails at 4°C (-20°C for GB-109). Cocktails qualify for ground shipping in the continental US.

ProBlock™ Gold Protease Inhibitor Cocktail [100X]

GB-108-2	2 mL	\$125
GB-108-5	5 mL	\$255
GB-108-10	10 mL	\$449

ProBlock™ Gold Extra Strength Protease Inhibitor Cocktail

GB-116-2	2 mL	\$175
GB-116-5	5 mL	\$345
GB-116-10	10 mL	\$605

ProBlock™ Gold 2D Protease Inhibitor Cocktail (EDTA Free) [100X]

GB-109-1	1 mL	\$205
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ProBlock™ Gold Bacterial 2D Protease Inhibitor Cocktail [100X]

GB-376-1	1 mL	\$79
GB-376-5	5 mL	\$299

ProBlock™ Protease Inhibitor Cocktail -50, EDTA Free

GB-326-1	1 Vial	\$79
GB-326-10	10 x 1 Vial	\$289
GB-326-20	20 x 1 Vial	\$559

ProBlock™ Protease Inhibitor Cocktail -100, EDTA Free

GB-328-100	10 Vials	\$549
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ProBlock™ Protease Inhibitor Cocktail -50, Plus EDTA

GB-334-10	10 Vials	\$289
GB-334-20	20 Vials	\$559

ProBlock™ Protease Inhibitor Cocktail -100, Plus EDTA

GB-336-100	10 Vials	\$549
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ProBlock™-50: Each vial suitable for 50 mL sample

ProBlock™-100: Each vial suitable for 100 mL sample

KEY:

 Designed for large volumes of extraction/lysis buffer

Cell-Type Specific Cocktails

ProBlock™ Gold Bacterial Protease

Inhibitor Cocktail [100X]

GB-330-1	1 mL	\$85
GB-330-5	5 mL	\$295

ProBlock™ Gold Mammalian Protease

Inhibitor Cocktail [100X]

GB-331-1	1 mL	\$85
GB-331-5	5 mL	\$295

ProBlock™ Gold Plant Protease

Inhibitor Cocktail [100X]

GB-332-1	1 mL	\$79
GB-332-5	5 mL	\$289

ProBlock™ Gold Yeast/Fungi

Protease Inhibitor Cocktail [100X]

GB-333-1	1 mL	\$85
GB-333-5	5 mL	\$295

Phosphatase Inhibitor Cocktails

Features:

- Ready-to-use. Simply add to your extraction buffer samples.
- Qualifies for ground shipping in the continental US.

Simple Stop™ 1 Phosphatase

Inhibitor Cocktail

GB-450-1	1 mL	\$69
GB-450-5	5 mL	\$185

Targets

- Serine/threonine (Ser/Thr) specific.
- Tyrosine specific
- Dual specificity phosphatases

Contents

- Sodium fluoride
- Sodium orthovanadate
- Sodium pyrophosphate
- Sodium molybdate

Simple Stop™ 2 Phosphatase

Inhibitor Cocktail

GB-451-1	1 mL	\$79
GB-451-5	5 mL	\$209

Targets

- Acid, alkaline and tyrosine phosphatases

Contents

- Sodium fluoride
- Sodium orthovanadate
- Sodium tartrate
- Sodium molybdate
- Imidazole

Simple Stop™ 3 Phosphatase

Inhibitor Cocktail

GB-452-1	1 mL	\$79
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Compatible with IEF/2D studies.

Targets

- Acid, alkaline and tyrosine phosphatases

Contents

- Cantharidin
- Bromotetramisole
- Microcystin LR



Cocktails qualify for ground shipping.

Featuring: Nickel NTA & Cobalt Agarose Beads

Nickel-NTA Agarose Beads contain four of the six chelating binding sites and is stable in the presence of reducing agents.

GoldBio's Nickel-NTA Agarose Beads has a binding capacity of ~50 mg/ml.



Nickel NTA Agarose Beads

H-350-5	5 mL	\$75
H-350-10	10 mL	\$119
H-350-25	25 mL	\$255
H-350-50	50 mL	\$439
H-350-100	100 mL	\$825

Cobalt Agarose Beads bind fewer contaminating proteins than nickel resins, resulting in lower background and a more purified sample.

Cobalt Agarose Resin has a binding capacity of >25 mg/ml with approximately 60 kDa protein.



Cobalt Agarose Beads (High Density)

H-310-5	5 mL	\$65
H-310-10	10 mL	\$105
H-310-25	25 mL	\$229
H-310-50	50 mL	\$385
H-310-100	100 mL	\$675

Magnetic Beads

Nickel NTA Magnetic Agarose Beads

H-351-2	2 mL	\$114
H-351-5	5 mL	\$255
H-351-10	10 mL	\$460

Binding Capacity

>75 mg His-tagged protein/mL gel.

Suspension

5% suspension of magnetic beads in 20% ethanol (each 1 mL of suspension contains 50 µL of magnetic beads).

Protein A Magnetic Agarose Beads

P-404-2	2 mL	\$120
P-404-5	5 mL	\$284

Binding Capacity

~10 mg human IgG /mL resin.

Suspension

50% suspension of magnetic beads in 20% ethanol (Each 1000 µL of suspension contains 500 µL of magnetic beads.)

Protein G Magnetic Agarose Beads

P-434-2	2 mL	\$132
P-434-5	5 mL	\$300

Binding Capacity

~10 mg human IgG /mL resin.

Suspension

50% suspension of magnetic beads in 20% ethanol (Each 1000 µL of suspension contains 500 µL of magnetic beads.)

Protein L Magnetic Agarose Beads

P-454-2	2 mL	\$138
P-454-5	5 mL	\$325

Binding Capacity

~10 mg human IgG / mL resin.

Suspension

50% suspension of magnetic beads in 20% ethanol (Each 1000 µL of suspension contains 500 µL of magnetic beads.)

Popular Agarose Beads

Cobalt Agarose Beads

(High Density)

H-310-5	5 mL	\$65
H-310-10	10 mL	\$105
H-310-25	25 mL	\$229
H-310-50	50 mL	\$385
H-310-100	100 mL	\$675
H-310-500	500 mL	\$2,755

Description

- Available in bulk or in prepacked columns.
- IDA cross-linked agarose resin consists of iminodiacetic acid groups ligated by stable ether linkages via a spacer arm.
- Ready-to-use resin is ideal for rapid purifications of His-tagged proteins.

Binding Capacity

>25 mg/mL with approximately 60 kDa protein.

Glutathione Agarose Resin

G-250-5	5 mL	\$105
G-250-10	10 mL	\$195
G-250-50	50 mL	\$739
G-250-100	100 mL	\$1,149

Description

- Covalently linked for use in affinity purification of glutathione-S-transferase (GST) and GST fusion proteins.
- One-step purification that permits rapid, mild and highly selective purifications of proteins containing glutathione binding sequences.

Binding Capacity

• Static Binding Capacity: ≥ 8 mg recombinant GST / mL gel.



Popular Agarose Beads

Nickel Agarose Beads

(High Density)

H-320-5	5 mL	\$59
H-320-10	10 mL	\$99
H-320-25	25 mL	\$219
H-320-50	50 mL	\$365
H-320-100	100 mL	\$649
H-320-500	500 mL	\$2,649

Description

- Available in bulk or in prepacked columns.
- IDA cross-linked agarose resin consists of iminodiacetic acid groups ligated by stable ether linkages via a spacer arm.
- Ready-to-use resin is ideal for rapid purifications of His-tagged proteins.

Binding Capacity

>25 mg/mL with approximately 60 kDa protein.

Nickel NTA Agarose Beads

H-350-5	5 mL	\$75
H-350-10	10 mL	\$119
H-350-25	25 mL	\$255
H-350-50	50 mL	\$439
H-350-100	100 mL	\$825
H-350-500	500 mL	\$3,625

Description

- For purification of proteins under native or denaturing conditions.
- NTA cross-linked resin.
- Higher specificity and lower ion leaching than IDA linked resins.

Binding Capacity

≥50 mg/mL gel.

Popular Agarose Beads

Protein A Agarose Resin (Pharmaceutical Grade)

P-400-5	5 mL	\$195
P-400-25	25 mL	\$755
P-400-50	50 mL	\$1,385
P-400-100	100 mL	\$2,349

Description

- Recombinant protein A covalently bound to cross-linked agarose beads.
- For the purification of a wide range of immunoglobulins of different mammalian species and also certain IgG subclasses that have no other affinity.

Binding Capacity

~25 mg human IgG/ mL resin.

Protein G HTC Agarose Beads

P-430-5	5 mL	\$375
P-430-25	25 mL	\$1,306

Description

- Recombinant Protein G contains only IgG binding domains.
- Protein G is covalently bound to highly cross-linked agarose beads.
- This resin works well in high flow conditions.
- HTC beads are high throughput beads designed for industrial process separation.

Binding Capacity

• 20 mg human IgG /mL resin.

Buffers & Washes for Chromatography

5x Phosphate Buffer + 3M Imidazole Solution			Description	Allows researchers to develop, wash and elute buffers for His-tag protein purification.
I-905-100	100 mL	\$225	Components	<ul style="list-style-type: none"> • 5x phosphate buffer, pH 8 (250mM phosphate buffer, pH 8, 1.5M NaCl) • 25 mL 3M recrystallized imidazole solution, pH 6.0.
5x Phosphate Buffer, pH 8			Description	Phosphate buffer, pH 8 is a mix of sodium phosphate dibasic (Na_2HPO_4) and monosodium phosphate (NaH_2PO_4). Wash and elution buffer for protein purification through His-tag.
P-500-50	50 mL	\$79	Components	<ul style="list-style-type: none"> • 5x phosphate buffer, pH 8 (250mM phosphate buffer, pH 8, 1.5M NaCl)
P-500-100	100 mL	\$115		
P-500-250	250 mL	\$155		
His-Tag Buffer Set			Description	Designed for use with GoldBio Nickel and Cobalt Agarose beads, but it can be used with most standard His-tag purification resins.
I-906-250	1 kit	\$139	Components	<ul style="list-style-type: none"> • 250 mL wash buffer (50mM phosphate buffer, pH 8, 300mM NaCl, 10mM Imidazole). • 50 mL elution buffer (50mM phosphate buffer, 300mM NaCl, 500mM imidazole).
Imidazole - 3M Recrystallized Solution, pH 6.0			Description	<ul style="list-style-type: none"> • Designed for His-tagged protein purification. • Purified through multiple steps including ultrafiltration and recrystallization to obtain the most purified imidazole on the market. • Tested for elution of tagged protein from Ni columns.
I-901-25	25 mL	\$89		
I-901-50	50 mL	\$135		
I-901-100	100 mL	\$205		
I-901-250	250 mL	\$459		
Imidazole, Recrystallized				
I-902-25	25 g	\$79		
I-902-50	50 g	\$125		
I-902-100	100 g	\$205		
I-902-500	500 g	\$609		



Listed products qualify for ground shipping.

WESTERN BLOT & IMMUNOHISTOCHEMISTRY

WESTERN BLOT & IMMUNOHISTOCHEMISTRY

Blocking & Blotting

BSA, Protease Free

A-420-10	10 g	\$35
A-420-25	25 g	\$65
A-420-100	100 g	\$155
A-420-250	250 g	\$255
A-420-500	500 g	\$399

Coomassie Brilliant Blue G-250

C-460-5	5 g	\$29
C-460-25	25 g	\$39
C-460-50	50 g	\$75

Coomassie Brilliant Blue R-250

C-461-5	5 g	\$39
C-461-25	25 g	\$55
C-461-100	100 g	\$89

Ponceau S Solution 1 mg/ml

P-330-SL1	1 L	\$92
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Popular Detection Reagents

<i>Horseradish Peroxidase</i>	<i>Cat#</i>	<i>Pack Sizes</i>	<i>Detection Type</i>
DAB Tetrahydrochloride Hydrate	D-320	1 g - 25 g	Chromogenic
Luminol	L-145	10 g - 100g	Chemiluminescent
TMB	TMBHCL/TMBF	2 g - 250 g	Chromogenic
<i>Alkaline Phosphatase</i>	<i>Cat#</i>	<i>Pack Sizes</i>	<i>Detection Type</i>
BCIP	B-500	1 g - 25 g	Chromogenic
NBT (Nitrotetrazolium Blue Chloride)	NBT	1 g - 10 g	Chromogenic (BCIP/NBT)
PNPP	N-380	50 g - 1 kg	Chromogenic

Immunohistochemistry Products

4-Nitrophenyl Phosphate, Disodium Salt Hexahydrate

N-380-250	250 g	\$400
N-380-500	500 g	\$769

BCIP

B-500-1	1 g	\$88
B-500-10	10 g	\$377
B-500-25	25 g	\$909

DAB Tetrahydrochloride Hydrate

D-320-1	1 g	\$29
D-320-5	5 g	\$85
D-320-10	10 g	\$159
D-320-25	25 g	\$295

Nitrotetrazolium Blue Chloride (NBT)

NBT1	1 g	\$69
NBT2.5	2.5 g	\$125
NBT10	10 g	\$325

TMB Dihydrochloride

TMBHCL2	2 g	\$110
TMBHCL25	25 g	\$926
TMBHCL50	50 g	\$1,421

TMB, Free Base

TMBF10	10 g	\$80
TMBF25	25 g	\$160
TMBF100	100 g	\$513



ANTIBODY LABELING KITS

ANTIBODY LABELING KITS

Popular Antibody Labeling Kits (with CF® Dyes)

- Brighter than Alexa Fluor® dyes.
- Quick & easy protocol.
- Superior water-soluble CF™ dyes.
- Variety of wavelengths available.

Popular Kits

Kit Components

CF488A Antibody Labeling Kit

CF-488A-20	5-20 µg labeling	\$125
CF-488A-50	20-50 µg labeling	\$136
CF-488A-100	50-100 µg labeling	\$152

- Dye (CF products only)
- 10x reaction buffer
- Antibody storage buffer
- Ultrafiltration vial

CF555 Antibody Labeling Kit

CF-555-20	5-20 µg labeling	\$125
CF-555-50	20-50 µg labeling	\$136
CF-555-100	50-100 µg labeling	\$152

CF568 Antibody Labeling Kit

CF-568-20	5-20 µg labeling	\$125
CF-568-50	20-50 µg labeling	\$136

CF® Dye Info Chart

Dye	Catalog	Ex/Em
CF®350	CF-350	347/448 nm
CF®405S	CF-405S	404/431 nm
CF®405M	CF-405M	408/452 nm
CF®405L	CF-405L	395/545 nm
CF®440	CF-440	440/515 nm
CF®488A	CF-488A	490/515 nm
CF®514	CF-514	516/548 nm
CF®532	CF-532	527/558 nm
CF®543	CF-543	541/560 nm
CF®555	CF-555	555/565 nm
CF®568	CF-568	562/583 nm
CF®594	CF-594	593/614 nm
CF®633	CF-633	630/650 nm
CF®640R	CF-640R	642/662 nm
CF®647	CF-647	650/665 nm
CF®660C	CF-660C	667/685 nm
CF®660R	CF-660R	663/682 nm
CF®680	CF-680	681/698 nm
CF®680R	CF-680R	680/701 nm
CF®750	CF-750	755/777 nm
CF®770	CF-770	770/797 nm

Antibody Labeling Kits

CF®350 Antibody Labeling Kit

CF-350-20	5-20 µg labeling	\$125
CF-350-50	20-50 µg labeling	\$136
CF-350-100	50-100 µg labeling	\$152

CF®405L Antibody Labeling Kit

CF-405L-20	5-20 µg labeling	\$125
CF-405L-50	20-50 µg labeling	\$136
CF-405L-100	50-100 µg labeling	\$152

CF®405M Antibody Labeling Kit

CF-405M-20	5-20 µg labeling	\$125
CF-405M-50	20-50 µg labeling	\$136
CF-405M-100	50-100 µg labeling	\$152

CF®405S Antibody Labeling Kit

CF-405S-20	5-20 µg labeling	\$125
CF-405S-50	20-50 µg labeling	\$136
CF-405S-100	50-100 µg labeling	\$152

CF®440 Antibody Labeling Kit

CF-440-20	5-20 µg labeling	\$152
CF-440-50	20-50 µg labeling	\$163
CF-440-100	50-100 µg labeling	\$178

CF®488A Antibody Labeling Kit

CF-488A-20	5-20 µg labeling	\$125
CF-488A-50	20-50 µg labeling	\$136
CF-488A-100	50-100 µg labeling	\$152

CF®514 Antibody Labeling Kit

CF-514-20	5-20 µg labeling	\$136
CF-514-50	20-50 µg labeling	\$152
CF-514-100	50-100 µg labeling	\$163

CF®532 Antibody Labeling Kit

CF-532-20	5-20 µg labeling	\$125
CF-532-50	20-50 µg labeling	\$136
CF-532-100	50-100 µg labeling	\$152

CF®543 Antibody Labeling Kit

CF-543-20	5-20 µg labeling	\$125
CF-543-50	20-50 µg labeling	\$136
CF-543-100	50-100 µg labeling	\$152

CF®555 Antibody Labeling Kit

CF-555-20	5-20 µg labeling	\$125
CF-555-50	20-50 µg labeling	\$136
CF-555-100	50-100 µg labeling	\$152

CF®568 Antibody Labeling Kit

CF-568-20	5-20 µg labeling	\$125
CF-568-50	20-50 µg labeling	\$136
CF-568-100	50-100 µg labeling	\$152

CF®594 Antibody Labeling Kit

CF-594-20	5-20 µg labeling	\$125
CF-594-50	20-50 µg labeling	\$136
CF-594-100	50-100 µg labeling	\$152

CF®633 Antibody Labeling Kit

CF-633-20	5-20 µg labeling	\$125
CF-633-50	20-50 µg labeling	\$136
CF-633-100	50-100 µg labeling	\$152

CF®640R Antibody Labeling Kit

CF-640R-20	5-20 µg labeling	\$125
CF-640R-50	20-50 µg labeling	\$136
CF-640R-100	50-100 µg labeling	\$152

Antibody Labeling Kits

CF®647 Antibody Labeling Kit

CF-647-20	5-20 µg labeling	\$125
CF-647-50	20-50 µg labeling	\$136
CF-647-100	50-100 µg labeling	\$152

CF®660C Antibody Labeling Kit

CF-660C-20	5-20 µg labeling	\$125
CF-660C-50	20-50 µg labeling	\$136
CF-660C-100	50-100 µg labeling	\$152

CF®660R Antibody Labeling Kit

CF-660R-20	5-20 µg labeling	\$125
CF-660R-50	20-50 µg labeling	\$136
CF-660R-100	50-100 µg labeling	\$152

CF®680 Antibody Labeling Kit

CF-680-20	5-20 µg labeling	\$125
CF-680-50	20-50 µg labeling	\$136
CF-680-100	50-100 µg labeling	\$152

CF®680R Antibody Labeling Kit

CF-680R-20	5-20 µg labeling	\$125
CF-680R-50	20-50 µg labeling	\$136
CF-680R-100	50-100 µg labeling	\$152

CF®750 Antibody Labeling Kit

CF-750-20	5-20 µg labeling	\$125
CF-750-50	20-50 µg labeling	\$136
CF-750-100	50-100 µg labeling	\$152

CF®770 Antibody Labeling Kit

CF-770-20	5-20 µg labeling	\$125
CF-770-50	20-50 µg labeling	\$136
CF-770-100	50-100 µg labeling	\$152

CF®790 Antibody Labeling Kit

CF-790-20	5-20 µg labeling	\$125
CF-790-50	20-50 µg labeling	\$136
CF-790-100	50-100 µg labeling	\$152

Biotin Antibody Labeling Kit

B-825-20	5-20 µg labeling	\$125
B-825-50	20-50 µg labeling	\$136
B-825-100	50-100 µg labeling	\$152

FITC Antibody Labeling Kit

F-825-20	5-20 µg labeling	\$78
F-825-50	20-50 µg labeling	\$92
F-825-100	50-100 µg labeling	\$106

PROTEIN ELECTROPHORESIS

Blotting

4 Gels

2 Gels

Contents

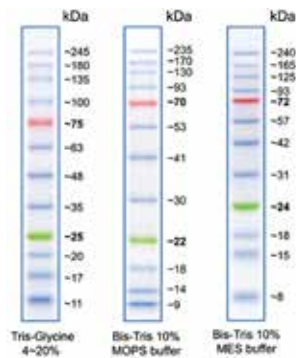
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Protein Standards

BLUEstain™ Protein Ladder

11-245 kDa

P007-500	500 μ L	\$120
P007-1000	2x500 μ L	\$235
P007-1500	3x500 μ L	\$345
P007-2000	4x500 μ L	\$445
P007-2500	5x500 μ L	\$540
P007-3000	6x500 μ L	\$625



Specifications

Range:	10 - 245 kDa
Bands:	12 prestained bands
Ref. Bands:	25 kDa and 75 kDa

Usage

- 3 μ L per well for 15 wells
- 5 μ L per well for a 10 well mini-gel
- 1.5 - 2.5 μ L for general Westerns

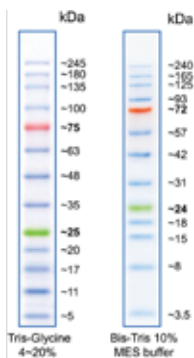
Contents

0.1~0.4 mg/mL of each protein in the buffer (20mM Tris-phosphate, pH 7.5 at 25°C, 2% SDS, 1mM 2-Mercaptoethanol, 3.6M Urea, and 15% (v/v) Glycerol).

BLUEstain™ 2 Protein Ladder,

5-245 kDa

P008-500	500 μ L	\$120
P008-1000	2x500 μ L	\$235
P008-1500	3x500 μ L	\$345
P008-2000	4x500 μ L	\$445
P008-2500	5x500 μ L	\$540
P008-3000	6x500 μ L	\$625



Specifications

Range:	3.5 - 245 kDa
Bands:	13 prestained bands
Ref. Bands:	25 kDa and 75 kDa

Usage

- 3 μ L per well for 15 wells
- 5 μ L per well for a 10 well mini-gel
- 1.5 - 2.5 μ L for general Westerns

Contents

0.1~0.4 mg/mL of each protein in the buffer (20mM Tris-phosphate, pH 7.5 at 25°C, 2% SDS, 10mM Dithiothreitol, 3.6M Urea, and 15% (v/v) Glycerol).

Buffers

Bis-Tris

B-020-100	100 g	\$69
B-020-250	250 g	\$115
B-020-500	500 g	\$169
B-020-1	1 kg	\$279

Glycine, USP Grade

G-630-100	100 g	\$25
G-630-500	500 g	\$35
G-630-1	1 kg	\$39
G-630-2	2x1 kg	\$65
G-630-5	5 kg	\$129

Tris (Tris Base)

T-400-500	500 g	\$49
T-400-1	1 kg	\$79
T-400-5	5 kg	\$279
T-400-10	10 kg	\$545

Tris HCl

T-095-100	100 g	\$39
T-095-500	500 g	\$85
T-095-1	1 kg	\$149

Coomassie Stains

Coomassie Brilliant Blue G-250

C-460-5	5 g	\$29
C-460-25	25 g	\$39
C-460-50	50 g	\$75

Coomassie Brilliant Blue R-250

C-461-5	5 g	\$39
C-461-25	25 g	\$55
C-461-100	100 g	\$89



Coomassie Stain Comparison

Qualities	Coomassie Brilliant Blue R-250	Coomassie Brilliant Blue G-250
Color	Blue with red tint	Blue with green tint
Application	Used in classical staining protocols with a methanol/acetic acid solution.	Used in newer staining protocols with an ethanol-based solution.
Protocol Ease	Widely used. Staining protocols are considered to be very user-friendly	Involves a longer protocol, but offers greater sensitivity and the advantage of not requiring a destaining step.
Destaining Required	Yes	Destaining is not required, but destaining can improve background.

Blazin' Protein Stains

- One-step staining in minutes
- Highly sensitive
- Does not cause gel shrinkage
- No microwaving or destaining
- No fixation or washing
- Qualifies for ground shipping

Blazin' Blue™ Protein Gel Stain

P-810-1 1 L \$127

Advantages



- Coomassie replacement.
- One-step protein staining in just 5–60 mins.
- No fixation or washing.
- Optional near-infrared fluorescence detecting with NIR imaging systems (such as Odyssey®).
- Detection limit 10-20 ng.

Blazin' Bright™ Luminescent Protein Gel Stain

P-820-1 1 L \$166

Advantages

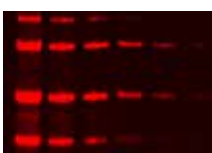


- SYPRO® Ruby gel stain replacement.
- One-step protein staining in just 5–60 minutes.
- Detection with laser-based fluorescence scanner (Typhoon®) or UV gel box.
- Ideal for UV and laser detection.
- Compatible with UV & blue light UV gel boxes.
- Detection limit 1-10 ng.

Blazin' Bright™ Luminescent UV Protein Gel Stain

P-825-1 1 L \$224

Advantages



- Oriole® fluorescent gel stain replacement.
- Does not cause gel shrinkage.
- One-step protein staining in just 5–30 minutes.
- Ideal for UV and laser detection.
- Best dye for UV detection.
- Detection limit 1-10 ng.

Note: Not compatible with laser detection or blue light UV gel boxes.

ENZYMES, INHIBITORS AND SUBSTRATES

Contents

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Popular Enzymes

**Alkaline Phosphatase,
2-Component System**

A-440-1	1 KU	\$146
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Cellulase R-10

C8001.0001	1 g	\$105
C8001.0005	5 g	\$225
C8001.0010	10 g	\$319

Cellulase RS

C8003.0001	1 g	\$155
C8003.0005	5 g	\$449
C8003.0010	10 g	\$705

**DNase I, Bovine Pancreas
(Lysate Tested), >500 Kunitz U/mg**

D-300-100	100 mg	\$55
D-300-500	500 mg	\$145
D-300-1	1 g	\$255
D-300-5	5 g	\$1,019

Glucose Oxidase >100 U/mg

G-040-50	50 KU	\$66
G-040-250	250 KU	\$336
G-040-1	1 MU	\$827

Glucose Oxidase >225 U/mg

G-041-50	50 KU	\$78
G-041-250	250 KU	\$371

Horseradish Peroxidase (HRP)

P-100-100	100 mg	\$96
P-100-250	250 mg	\$178
P-100-500	500 mg	\$294
P-100-1	1 g	\$504

Lysozyme, Egg White

L-040-1	1 g	\$29
L-040-5	5 g	\$59
L-040-10	10 g	\$85
L-040-25	25 g	\$145
L-040-100	100 g	\$279
L-040-250	250 g	\$635

Macerozyme R-10

M8002.0001	1 g	\$105
M8002.0005	5 g	\$225
M8002.0010	10 g	\$319

Proteinase K, RNase/DNase Free

P-480-100	100 mg	\$54
P-480-500	500 mg	\$173
P-480-1	1 g	\$215
P-480-2	2 x 1 g	\$415
P-480-3	3 x 1 g	\$615
P-480-4	4 x 1 g	\$810
P-480-5	5 x 1 g	\$1,005

Proteinase K Solution 20 mg/mL

P-480-SL2	2 mL	\$49
P-480-SL4	4 mL (2 x 2 mL)	\$79
P-480-SL10	10 mL	\$159

RNase A, >50 U/mg

R-050-50	50 mg	\$55
R-050-100	100 mg	\$95
R-050-500	500 mg	\$215
R-050-1	1 g	\$319
R-050-5	5 g	\$1,379
R-050-10	10 g	\$2,685

Trypsin 1:250

T-161-25	25 g	\$65
T-161-50	50 g	\$105
T-161-100	100 g	\$175
T-161-250	250 g	\$355

Trypsin 1:300

T-162-25	25 g	\$85
T-162-100	100 g	\$245

Trypsin >2500 U/mg, USP Grade

T-160-1	1 g	\$59
T-160-5	5 g	\$219
T-160-25	25 g	\$865

Popular Enzyme Inhibitors

Aprotinin

A-655-25	25 mg	\$65
A-655-100	100 mg	\$155

Inhibits

- Trypsin, chymotrypsin, plasmin, kallikrein

E-64

E-064-5	5 mg	\$99
E-064-25	25 mg	\$155
E-064-100	100 mg	\$449

Inhibits

- Bromelain, trypsin, papain, staphopain, calpain, collagenase, ficain, cathepsin B, H and L

Leupeptin Hemisulfate

L-010-5	5 mg	\$55
L-010-25	25 mg	\$105
L-010-100	100 mg	\$335

Inhibits

- Plasmin, trypsin, papain, kallikrein, calpain and cathepsin B

Pepstatin A

P-020-5	5 mg	\$49
P-020-25	25 mg	\$145
P-020-100	100 mg	\$415

Inhibits

- Pepsin, chymosin, renin, and cathepsins D and E

Trypsin Inhibitor, Soybean, Purified >10,000 U

T-166-100	100 mg	\$115
T-166-500	500 mg	\$415
T-166-1	1 g	\$741

Inhibits

- Specific for trypsin and trypsin-like proteases

Popular Enzyme Substrates

 **4-Methylumbelliferyl- α -D-glucopyranoside**

M-630-500	500 mg	\$78
M-630-1	1 g	\$113

 **4-Methylumbelliferyl- α -L-iduronic**
Acid Cyclohexylammonium Salt

M-570-5	5 mg	\$361
M-570-10	10 mg	\$608
M-570-25	25 mg	\$1,279

 **4-Methylumbelliferyl Palmitate**

M-690-250	250 mg	\$99
M-690-500	500 mg	\$141
M-690-1	1 g	\$215

 **4-Methylumbelliferyl Phosphate, Free Acid**

M-700-10	10 g	\$370
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 **Bluo-Gal**

B-673-250	250 mg	\$65
B-673-1	1 g	\$155
B-673-10	10 g	\$709

 **(H-Ala-AMCTFA) L-Alanine 7-amido-4-methylcoumarin, Trifluoroacetate Salt**

A-190-1	1 g	\$78
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 **L-Glutamic Acid α -(7-amido-4-methylcoumarin)**

G-144-100	100 mg	\$179
G-144-500	500 mg	\$574
G-144-1	1 g	\$1,128

 **L-Leucine 7-amido-4-methylcoumarin HCl**

L-120-100	100 mg	\$81
L-120-250	250 mg	\$169
L-120-500	500 mg	\$232

 **Magenta-Gal**

B-378-5	5 g	\$351
B-378-10	10 g	\$637
B-378-25	25 g	\$1,470

 **MUG**


MUG1	1 g	\$79
MUG5	5 g	\$299
MUG10	10 g	\$469

 **Nitrotetrazolium Blue Chloride (NBT)**

NBT1	1 g	\$69
NBT10	10 g	\$325

 **PNPG (Gus)**

N-325-500	500 mg	\$73
N-325-5	5 g	\$400
N-325-10	10 g	\$720

 **Salmon Gal (6-Chloro-3-indoxyl- β -D-galactopyranoside)**

C-255-500	500 mg	\$69
C-255-1	1 g	\$117
C-255-5	5 g	\$385

 **X- α -Gal**

XA250	250 mg	\$115
XA500	500 mg	\$195
XA1	1 g	\$295

 **X-Gal**

X4281C	1 g	\$59
X4281C10	10 g	\$289

 **X-Gluc (CHX Salt)**

G1281C	100 mg	\$59
G1281C1	1 g	\$205
G1281C5	5 g	\$765

STAINS FOR MICROSCOPY

MICROSCOPY STAINS

Stains for Microscopy

Brilliant Green			Applications
B-080-100	100 g	\$87	<ul style="list-style-type: none"> • Triarylmethane dye similar to malachite green • Used as a counterstain to differentiate <i>E. coli</i> from <i>S. typhosa</i>
Crystal Violet			Applications
C-328-100	100 g	\$89	<ul style="list-style-type: none"> • Classification of bacteria • Active ingredient in Gram stain
Eosin Y			Applications
E-215-50	50 g	\$72	<ul style="list-style-type: none"> • Tissue staining • Counterstain to hematoxylin in hematoxylin and eosin (H&E) staining • Stains proteins in the cytoplasm along with collagen and muscle fibers
E-215-100	100 g	\$119	
E-215-250	250 g	\$179	
E-215-500	500 g	\$300	
E-215-1	1 kg	\$475	
Neutral Red Dye			Applications
N-130-100	100 g	\$181	<ul style="list-style-type: none"> • Used to stain nuclei • Cell viability tests • pH indicator (pH 6.8-8.0, red to yellow)
N-130-250	250 g	\$348	
N-130-500	500 g	\$567	

Preparation of Gram Staining Solutions

Gram Crystal Violet Solution:

1. Dissolve 20 g of crystal violet (cat# C-328) in 100 mL of ethanol to make a crystal violet stock solution.
2. Dissolve 1 g of ammonium oxalate in 100 mL of water to make an oxalate stock solution.
3. The working solution is obtained by mixing 1 mL of the crystal violet stock solution with 10 mL of water and 40 mL of the oxalate stock solution. Store the working solution in a drop bottle.

A high-magnification light micrograph showing a dense population of Agrobacterium cells. The cells are small, rod-shaped, and appear as numerous bright green, circular or oval structures. They are clustered together, often within larger, more complex cellular structures that have a distinct hexagonal or polygonal shape, possibly representing plant tissue or a specific growth stage of the bacterium. The background is a light, slightly hazy grey.

AGROBACTERIUM COMPETENT CELLS

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Featuring Agrobacterium Competent Cells

Competent cells are ideal when you need higher transformation efficiency or when working with larger plasmids. Competent cells include recovery medium and control DNA.

How You Benefit



Affordability



Different Available Strains



Reproducibility

Agrobacterium Electrocompetent Cells Overview

Strain	Cat #	Efficiency	Resistance
AGL-1	CC-208	$\geq 5 \times 10^7$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Carbenicillin
C58C1	CC-240	$\geq 1 \times 10^7$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Streptomycin
EHA105	CC-225	$\geq 1.6 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin
GV3101	CC-207	$\geq 2 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Gentamicin
LBA4404	CC-220	$\geq 4 \times 10^6$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin

Agrobacterium Chemically Competent Cells Overview

Strain	Cat #	Efficiency	Resistance
AGL-1	CC-106	$\geq 4 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Carbenicillin
C58C1	CC-109	$\geq 1 \times 10^5$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Streptomycin
EHA105	CC-108	$\geq 5 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin
GV3101	CC-105	$\geq 6 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin Gentamicin
LBA4404	CC-107	$\geq 1 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA	Rifampicin

Agrobacterium Chemically Competent Cells

AGL-1 *Agrobacterium*

Efficiency

$\geq 4 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-106-5x50	5 x 50 μ L	\$189
CC-106-10x50	10 x 50 μ L	\$335
CC-106-15x50	15 x 50 μ L	\$449

AGL-1 (pSoup) *Agrobacterium*

Efficiency

$\geq 3 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-116-5x50	5 x 50 μ L	\$189
CC-116-10x50	10 x 50 μ L	\$335
CC-116-15x50	15 x 50 μ L	\$449

AGL-1 (pSoup-P19) *Agrobacterium*

Efficiency

$\geq 2 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-126-5x50	5 x 50 μ L	\$189
CC-126-10x50	10 x 50 μ L	\$335
CC-126-15x50	15 x 50 μ L	\$449

C58C1 *Agrobacterium*

Efficiency

$\geq 1 \times 10^5$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-109-5x50	5 x 50 μ L	\$189
CC-109-10x50	10 x 50 μ L	\$335
CC-109-15x50	15 x 50 μ L	\$449

EHA105 *Agrobacterium*

Efficiency

$\geq 5 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-108-5x50	5 x 50 μ L	\$189
CC-108-10x50	10 x 50 μ L	\$335
CC-108-15x50	15 x 50 μ L	\$449

Auxo-Agro™ EHA105

Efficiency

$\geq 1 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-168-5x50	5 x 50 μ L	\$189
CC-168-10x50	10 x 50 μ L	\$335
CC-168-15x50	15 x 50 μ L	\$449



Storage: Competent cells at -80°C . Recovery medium at 4°C .



Competent cells ship next day on dry ice.

Agrobacterium Chemically Competent Cells

EHA105 (pSoup) *Agrobacterium*

Efficiency $\geq 5 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-118-5x50	5 x 50 μ L	\$189
CC-118-10x50	10 x 50 μ L	\$335
CC-118-15x50	15 x 50 μ L	\$449

EHA105 (pSoup-P19) *Agrobacterium*

Efficiency $\geq 2 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-128-5x50	5 x 50 μ L	\$189
CC-128-10x50	10 x 50 μ L	\$335
CC-128-15x50	15 x 50 μ L	\$449

GV3101 *Agrobacterium*

Efficiency $\geq 6 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-105-5x50	5 x 50 μ L	\$189
CC-105-10x50	10 x 50 μ L	\$335
CC-105-15x50	15 x 50 μ L	\$449

GV3101 (pSoup) *Agrobacterium*

Efficiency $\geq 1.5 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-115-5x50	5 x 50 μ L	\$189
CC-115-10x50	10 x 50 μ L	\$335
CC-115-15x50	15 x 50 μ L	\$449

GV3101 (pSoup-P19) *Agrobacterium*

Efficiency $\geq 3 \times 10^3$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-125-5x50	5 x 50 μ L	\$189
CC-125-10x50	10 x 50 μ L	\$335
CC-125-15x50	15 x 50 μ L	\$449

LBA4404 *Agrobacterium*

Efficiency $\geq 1 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-107-5x50	5 x 50 μ L	\$189
CC-107-10x50	10 x 50 μ L	\$335
CC-107-15x50	15 x 50 μ L	\$449

Auxo-Agro™ LBA4404

Efficiency $\geq 1 \times 10^4$ cfu/ μ g pCAMBIA1391z DNA

Chemically Competent Cells

CC-167-5x50	5 x 50 μ L	\$189
CC-167-10x50	10 x 50 μ L	\$335
CC-167-15x50	15 x 50 μ L	\$449

Agrobacterium Electrocompetent Cells

AGL-1 *Agrobacterium*

Efficiency $\geq 5 \times 10^7$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-208-5x50	5 x 50 μ L	\$199
CC-208-10x50	10 x 50 μ L	\$359
CC-208-15x50	15 x 50 μ L	\$485

AGL-1 (pSoup) *Agrobacterium*

Efficiency $\geq 2 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-218-5x50	5 x 50 μ L	\$199
CC-218-10x50	10 x 50 μ L	\$359
CC-218-15x50	15 x 50 μ L	\$485

AGL-1 (pSoup-P19) *Agrobacterium*

Efficiency $\geq 1 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-228-5x50	5 x 50 μ L	\$199
CC-228-10x50	10 x 50 μ L	\$359
CC-228-15x50	15 x 50 μ L	\$485

C58C1 *Agrobacterium*

Efficiency $\geq 1 \times 10^7$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-240-5x50	5 x 50 μ L	\$199
CC-240-10x50	10 x 50 μ L	\$359
CC-240-15x50	15 x 50 μ L	\$485

EHA105 *Agrobacterium*

Efficiency $\geq 1.6 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-225-5x50	5 x 50 μ L	\$199
CC-225-10x50	10 x 50 μ L	\$359
CC-225-15x50	15 x 50 μ L	\$485


Auxo-Agro™ EHA105

Efficiency $\geq 1.6 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-268-5x50	5 x 50 μ L	\$199
CC-268-10x50	10 x 50 μ L	\$359
CC-268-15x50	15 x 50 μ L	\$485

 **Storage:** Competent cells at -80°C . Recovery medium at 4°C .

 **Competent cells ship next day on dry ice.**

Agrobacterium Electrocompetent Cells

EHA105 (pSoup) *Agrobacterium*

Efficiency

$\geq 4 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-235-5x50	5 x 50 μ L	\$199
CC-235-10x50	10 x 50 μ L	\$359
CC-235-15x50	15 x 50 μ L	\$485

EHA105 (pSoup-P19) *Agrobacterium*

Efficiency

$\geq 3 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-245-5x50	5 x 50 μ L	\$199
CC-245-10x50	10 x 50 μ L	\$359
CC-245-15x50	15 x 50 μ L	\$485

GV3101 *Agrobacterium*

Efficiency

$\geq 2 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-207-5x50	5 x 50 μ L	\$199
CC-207-10x50	10 x 50 μ L	\$359
CC-207-15x50	15 x 50 μ L	\$485

GV3101 (pSoup) *Agrobacterium*

Efficiency

$\geq 8 \times 10^7$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-217-5x50	5 x 50 μ L	\$199
CC-217-10x50	10 x 50 μ L	\$359
CC-217-15x50	15 x 50 μ L	\$485

GV3101 (pSoup-P19) *Agrobacterium*

Efficiency

$\geq 1 \times 10^8$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-227-5x50	5 x 50 μ L	\$199
CC-227-10x50	10 x 50 μ L	\$359
CC-227-15x50	15 x 50 μ L	\$485

LBA4404 *Agrobacterium*

Efficiency

$\geq 4 \times 10^6$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-220-5x50	5 x 50 μ L	\$199
CC-220-10x50	10 x 50 μ L	\$359
CC-220-15x50	15 x 50 μ L	\$485

Auxo-Agro™ LBA4404

Efficiency

$\geq 4 \times 10^6$ cfu/ μ g pCAMBIA1391z DNA

Electrocompetent Cells

CC-267-5x50	5 x 50 μ L	\$199
CC-267-10x50	10 x 50 μ L	\$359
CC-267-15x50	15 x 50 μ L	\$485

PLANT-FOCUSED RESEARCH



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Plant Media Type & Recommended Products

Stage	Description	Media Type	Recommended Products	Cat. #
Agrobacterium Infection	The <i>Agrobacterium</i> Infection stage involves all of the activities relating to prepare the <i>Agrobacterium</i> cells and the vector, and then the transfer of foreign DNA into the plant cell.	Infection medium	Luria Broth Base, Miller	L1717*
			Peptone	P1328*
			Yeast extract	Y1333*
			Malt extract	M1327*
			Sodium chloride	S0520*
			Murashige & Skoog medium	M0221*
Co-cultivation	The co-cultivation stage involves co-cultivating <i>Agrobacterium</i> cells with the explants to promote infection.	Co-cultivation medium	Cefotaxime	C-104
			Hygromycin B	H-270
			Kanamycin	K-120
			Carbenicillin	C-103
			Gentamicin	G-400
			Rifampicin	R-120
			Spectinomycin	S-140
			Timentin	T-104
			Murashige & Skoog medium	M0221*
Luria Broth Base, Miller	L1717*			
Plant regeneration	The plant regeneration stage is where researchers regenerate infected tissues into whole plants.	Callus induction medium and Organ regeneration medium	Murashige & Skoog medium	M0221*
			MES	M-090
			Sucrose	S0809*
			IAA (Indole-3-acetic acid)	I-110
			IBA (Indole-3-butyric acid)	I-180
			Kinetin	K-100
			trans-Zeatin	Z-105
			trans-Zeatin-riboside	Z-100
			6-BAP (6-Benzylaminopurine)	B-110
			Gibberellic Acid 3	G-120
			Plant agar	P1001
Phyto agar	P1003			

*Represents products found in the Duchefa Direct catalog: <https://duchefadirect.com/>

Plant Cell Growth Regulators

28-Homo-Brassinolide

H-255-10	10 mg	\$169
H-255-50	50 mg	\$635

4-CPPU

C-145-100	100 mg	\$108
C-145-1	1 g	\$162

6-Benzylaminopurine (6-BAP)

B-110-100	100 g	\$75
B-110-250	250 g	\$115
B-110-500	500 g	\$179
B-110-1	1 kg	\$319

Abscisic Acid

A-050-500	500 mg	\$172
A-050-1	1 g	\$286

Amiprofos Methyl

A0185.0250	250 mg	\$335
A0185.1000	1 g	\$1,085

Epibrassinolide

E-250-10	10 mg	\$69
E-250-25	25 mg	\$95
E-250-50	50 mg	\$135
E-250-100	100 mg	\$229

Gibberellic Acid 3 (Quick-Dissolve™)

G-120-10	10 g	\$39
G-120-25	25 g	\$69
G-120-50	50 g	\$105
G-120-100	100 g	\$175
G-120-1kg	1 kg	\$989

Gibberellic Acid 4+7

G-470-250	250 mg	\$39
G-470-1	1 g	\$89
G-470-5	5 g	\$255

IAA (Indole-3-Acetic Acid)

I-110-25	25 g	\$45
I-110-100	100 g	\$95
I-110-500	500 g	\$329
I-110-1	1 kg	\$555
I-110-2.5	2.5 kg	\$1,339
I-110-5	5 kg	\$2,425



Plant Cell Growth Regulators

IBA (Indole-3-Butyric Acid)

I-180-5G	5 g	\$29
I-180-50	50 g	\$69
I-180-250	250 g	\$215
I-180-500	500 g	\$349
I-180-1	1 kg	\$645
I-180-2.5	2.5 kg	\$1,525

Kinetin

K-100-25	25 g	\$69
K-100-50	50 g	\$125
K-100-100	100 g	\$205
K-100-250	250 g	\$405

Myo-Inositol

I-525-1	1 kg	\$206
I-525-5	5 kg	\$849

Picloram

P0914.0005	5 g	\$105
P0914.0010	10 g	\$125
P0914.0050	50 g	\$269

Spermidine Trihydrochloride

S-715-25	25 g	\$439
S-715-50	50 g	\$700
S-715-100	100 g	\$1,030

Spermine

S-730-10	10 g	\$102
S-730-50	50 g	\$392
S-730-100	100 g	\$727

trans-Zeatin

Z-105-50	50 mg	\$59
Z-105-100	100 mg	\$105
Z-105-250	250 mg	\$135
Z-105-500	500 mg	\$205
Z-105-1	1 g	\$319

trans-Zeatin-riboside

Z-100-25	25 mg	\$89
Z-100-50	50 mg	\$155
Z-100-100	100 mg	\$279
Z-100-250	250 mg	\$429



Gelling Agents

Duchefa Gelrite™			Description	Duchefa Gelrite™ is a naturally derived gelling polymer used in a variety of applications as a solidification agent instead of agar.
G1101.0100	100 g	\$115		
G1101.0250	250 g	\$175		
G1101.1000	1 kg	\$425		
G1101.5000	5 kg	\$1,295	Specs	• Gel strength: 400 - 700 g/cm ²
Micro Agar			Description	Micro agar is a purified agar with high gel strength and excellent properties for use in plant cell and tissue culture, as well as microbiological work.
M1002.1000	1 kg	\$339		
M1002.5000	5 kg	\$915		
			Specs	<ul style="list-style-type: none"> • Gel strength: 900 g/cm² • Sulfated ash: <6% • Calcium : <2000 ppm • Ash, acid insoluble: <0.5%
Phyto Agar			Description	Phyto agar is a plant tissue culture agar with a high gel strength that is free of the extra salts of other agars which may adversely affect plant growth.
P1003.0100	100 g	\$75		
P1003.0500	500 g	\$275		
P1003.1000	1 kg	\$325		
P1003.5000	5 kg	\$1,545	Specs	<ul style="list-style-type: none"> • Gel strength: 950-1050 g/cm² • Moisture: <18% • Calcium : Ash Content: <3.5% • Melting Point: 85-95°C • Gelling Point: 34-36°C
Plant Agar			Description	Plant agar is the preferred choice in plant cell and tissue culture as a general purpose agar.
P1001.0100	100 g	\$89		
P1001.1000	1 kg	\$295		
P1001.5000	5 kg	\$729	Specs	<ul style="list-style-type: none"> • Gel strength: 1100 g/cm² • Crude ash: <3% • Ash, acid insoluble: <0.5%

Plant Selective Agents

Actinomycin D, USP Grade

A-360-10	10 mg	\$165
A-360-25	25 mg	\$279

Bialaphos, Sodium Salt

B0178-100	100 mg	\$159
B0178-250	250 mg	\$369
B0178-500	500 mg	\$669

Chlorimuron Ethyl (Sulfonylurea)

C-905-10	10 mg	\$141
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Chlorsulfuron

C-935-100	100 mg	\$81
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Dicamba

D-760-1	1 g	\$254
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Imazapyr

I-205-100	100 mg	\$57
I-205-1	1 g	\$401

Phosphinothricin

P-165-250	250 mg	\$115
P-165-1	1 g	\$345
P-165-5	5 g	\$1,275

Visit Duchefa Direct

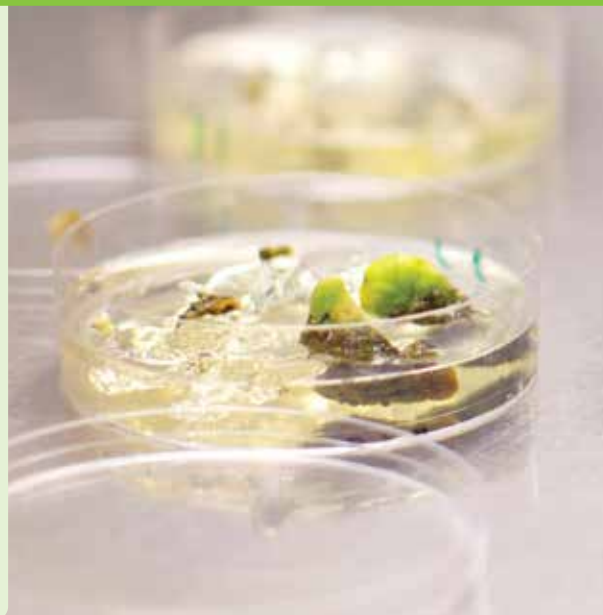
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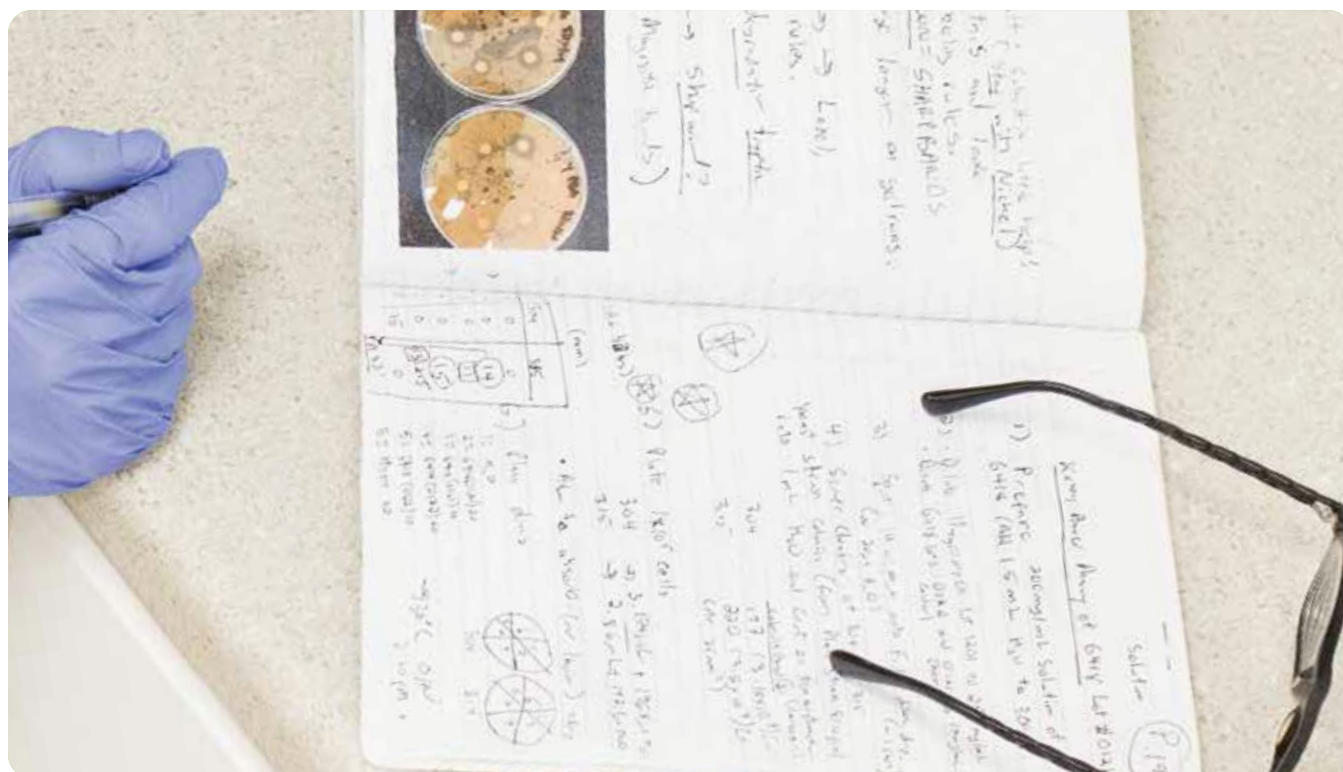
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- Amino Acids
- Buffers
- Media Additives
- Phytopathology Media
- Plant & Tissue Culture Media
- Plant Cell Growth Regulators
- Selective Reagents
- Substrates

Featured Products

- Murashige & Skoog Medium
- LB Agar
- YPD Agar



APPENDIX



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<i>Plasmid/ Antibiotic Lookup</i>			
<i>Plasmid</i>	<i>Antibiotic Resistance</i>	<i>Catalog Number</i>	<i>Antibiotic Working Concentration</i>
Cas9 sgRNA	Kanamycin	K-120	10 - 100 ug/mL
c-FLAG pcDNA3	Ampicillin	A-301	50 - 250 ug/mL
DR274	Kanamycin	K-120	10 - 100 ug/mL
Flag-TurboID	Ampicillin	A-301	50 - 250 ug/mL
pBABE-puro	Puromycin	P-600	1 - 10 ug/mL
pBAC-lacZ	Chloramphenicol	C-105	10 - 50 ug/mL
pBAD	Ampicillin	A-301	50 - 250 ug/mL
pCAG	Ampicillin	A-301	50 - 250 ug/mL
pCasPa	Tetracycline	T-101	5 - 50 ug/mL
pLKO.1-blast	Blasticidin	B-800	1 - 10 ug/mL
pMT-puro	Puromycin	P-600	1 - 10 ug/mL
pMYC4-H	Hygromycin	H-270	25 - 1,000 ug/mL
pnCasPA-BEC	Gentamicin	G-400	0.5 - 50 ug/mL
pRSV-Rev	Ampicillin	A-301	50 - 250 ug/mL
pShuttle	Kanamycin	K-120	10 - 100 ug/mL
psPAX2	Ampicillin	A-301	50 - 250 ug/mL
pSpCas9(BB)-2A-Blast	Blasticidin	B-800	1 - 10 ug/mL
pTRKH2	Erythromycin	E-350	20 - 200 ug/mL
pX	Ampicillin	A-301	50-250 ug/mL
	Puromycin	P-600	1 - 10 ug/mL
pYPQ203	Hygromycin	H-270	25 - 1,000 ug/mL

Luciferase Assay Kit Comparison Guide

Assay Kit	Kit Components	General Specs	Experimental Specs
Firefly & Renilla Luciferase Enhanced Assay Kit (I-920) <i>Comparable to: Promega E1910, E1960, E1980</i>	<ul style="list-style-type: none"> 1X Passive Lysis Buffer Firefly Luciferase Assay Buffer Renilla Luciferase Assay Buffer GoldBio D-Luciferin GoldBio Enhanced Coelenterazine 	Assay Type: Flash, Dual Half-Life: Firefly – 12 Minutes, Renilla – 2 Minutes. Immediate signal measurement is recommended.	System: Cultured Cells Instrument: Single tube luminometer or luminometer with 2 injectors. Scintillation counters are not recommended.
Firefly Luciferase Enhanced Assay Kit (I-930) <i>Comparable to: Promega E1500, E4030, E4530</i>	<ul style="list-style-type: none"> 5X Luciferase Lysis Buffer Firefly Luciferase Assay Buffer GoldBio D-Luciferin 	Assay Type: Flash, Single Half-Life: 12 Minutes. Immediate signal measurement is recommended.	System: Cultured Cells Instrument: Single tube luminometer or luminometer with reagent injector. Scintillation counters are not recommended.
Lyophilized Firefly Luciferase Enhanced Assay Kit (I-935) <i>Comparable to: Promega E1483, E1500, E4030, E4530</i>	<ul style="list-style-type: none"> 5X Luciferase Lysis Buffer Firefly Luciferase Assay Buffer (Lyophilized) GoldBio D-Luciferin 	Assay Type: Flash, Single Half-Life: 12 Minutes. Immediate signal measurement is recommended.	System: Cultured Cells Instrument: Single tube luminometer or luminometer with reagent injector. Scintillation counters are not recommended.
Dura-Luc Lyophilized Firefly HTS Assay Kit (I-946) <i>Comparable to: Promega E2510, E2520, E2550</i>	<ul style="list-style-type: none"> Dura-Luc Firefly Lyophilized Luciferase Assay Buffer Reconstitution Buffer GoldBio D-Luciferin 	Assay Type: Glow, Single Half-Life: 3 Hours.	System: Cultured Cells Instrument: Single tube luminometer or luminometer with no reagent injectors. Scintillation counters are not recommended.
Renilla Luciferase Enhanced Assay Kit (I-925) <i>Comparable to: Promega E2810, E2820</i>	<ul style="list-style-type: none"> 5X Passive Lysis Buffer Renilla Luciferase Assay Buffer GoldBio Enhanced coelenterazine 	Assay Type: Flash, Single Half-Life: 2 Minutes. Immediate signal measurement is recommended.	System: Cultured Cells Instrument: Single tube luminometer or microplate luminometer. Scintillation counters are not recommended.

Luciferin Fact Sheet

Source Organism	Species	Subst. Mass	Substrate	WL	ATP Dependent
Copepod Crustacean	<i>Gaussia princeps</i>	20 kDa	Coelenterazine	460 nm	No
Ostracod Crustacean	<i>Cypridina noctiluca</i>	62 kDa	Vargulin	465 nm	No
Sea Pansy	<i>Renilla reniformis</i>	36 kDa	Coelenterazine	480 nm	No
Firefly	<i>Photinus pyralis</i>	62 kDa	D-Luciferin	560 nm	Yes
Click Beetle	<i>Pyrophorus plagiophthalmus</i>	60 kDa	D-Luciferin	Green: 537nm Red: 613 nm	Yes

General PCR Troubleshooting

Situation	Reason/Solution
No Product	<ol style="list-style-type: none"> 1. Verify that the annealing temperature (Ta) matches the calculated primer melting temperature (Tm) value. 2. Repeat the PCR with a checklist to confirm all components are added. 3. Ensure A260/280 ratio falls between 1.6 and 2.0. 4. Prepare new template. 5. Decrease annealing temperature. 6. Assume 1 minute per kb of target sequence for extension.
Misleading Product	<ol style="list-style-type: none"> 1. Errors in primer or template sequence. Sequence the primers or template. Use new primers or template. 2. Use high fidelity DNA polymerase. 3. Multiple copies of the target sequences in the template. 4. Use appropriate concentration of Mg²⁺. 5. Unequal concentrations of dNTPs. Use equal concentrations.
Incorrect Product	<ol style="list-style-type: none"> 1. Verify correct primer was used. 2. Increase annealing temperature. 3. Verify correct template DNA was used. Sequence if necessary. 4. Analyze template for alternate primer binding sequences. 5. Low molecular weight artifacts may indicate primer-dimer formation.
Weak Amplification (Faint Bands)	<ol style="list-style-type: none"> 1. Check primer and template concentrations. 2. Increase cycle number by 2-5 cycles. 3. Check dNTP expiration date and ensure concentrations are appropriate for target sequence: For most PCRs, use 50µM per nucleotide (200µM total), but for longer targets, you may need up to 200µM per nucleotide (800µM total).

Biological Buffer Selection Guide

Buffer	Cat#	pH Range	pKa (25°C)	Applications	Comments
ACES	A-010	6.1-6.78	6.78	Cell culture media, agarose and polyacrylamide electrophoresis, isoelectric focusing of proteins, x-ray crystallography, and yeast and bacterial cell studies.	Binds Cu ²⁺ and Mg ²⁺ . Significant absorption of UV light at 230 nm. Inhibits GABA receptor binding.
ADA	A-780	6.0-7.2	6.59	Protein crystallization, electrophoresis, scanning calorimetry and soil metal decontamination.	Strong binding to Mn ²⁺ , Co ²⁺ , Ni ²⁺ , Zn ²⁺ , Cd ²⁺ , Pb ²⁺ and Cu ²⁺ . Not suitable for BCA assay.
BES	B-780	6.4-7.8	7.09	Transfection, cell culture and protein quantification. Chromatography (gel filtration and cation). Bacterial endotoxin studies.	Binds Cu ²⁺ and Co ²⁺ weakly. Suitable for BCA assay. Binds DNA and interferes with restriction enzymes.
Bicine	B-785	7.6-9.0	8.26	Protein crystallization, enzymatic reactions, a multiphasic buffer for SDS-PAGE. Cation exchange chromatography and NMR spectroscopy.	Strong binding to Mg ²⁺ , Ca ²⁺ , Co ²⁺ , Fe ³⁺ and Cu ²⁺ . Weak binding to Mn ²⁺ .
Bis-Tris	B-020	5.8-7.2	6.46	Electrophoresis (sample, gel and running buffer), chromatography, protein purification, NMR spectroscopy and x-ray crystallography.	Binds Cu ²⁺ and Pb ²⁺ . Substitute for cacodylate. Interacts with human liver FAB and affects protein dynamics. Not suitable for BCA assay.
CAPS	C-040	9.7-11.1	10.4	SDS-PAGE, protein sequencing, crystallization, and quantification, enzymatic assays and cation exchange chromatography.	Weak binding to most metals. Suitable for BCA assay.
CHES	C-870	8.6-10.0	9.50	Electrophoresis and enzymatic assays.	Noncomplexing buffer. High affinity for iodoacetate binding site of liver alcohol dehydrogenase.
HEPES Free Acid	H-400	6.8-8.2	7.48	Cell culture, electroporation, qPCR, restriction enzymes, atomic force microscopy and electrophoresis. Protein quantification. Cation exchange chromatography.	Noncomplexing buffer. May form radicals and not suitable for redox reactions. Binds DNA and affects restriction enzyme function.
HEPES Sodium Salt	H-401				
HEPPSO	H-480	7.1-8.5	7.84	Protein quantification. Toxicity studies. Isoelectric focusing and enzymatic studies.	May form radicals and not suitable for redox reactions. Suitable for BCA assay.

Biological Buffer Selection Guide

Buffer	Cat#	pH Range	pKa (25°C)	Applications	Comments
MES Free Acid	M-095	5.5-6.7	6.10	Cell and plant culture media, protein electrophoresis, chromatography, electrochromatography. Toxicology studies in yeast (metal toxicity and removal). Fluorescence microscopy.	Noncomplexing buffer. Substitute for cacodylate, citrate and malate buffers. Inhibits connexin channels. Binds human liver FAB protein.
MES Free Acid, Monlydate, Ultra Pure	M-090				
MES Sodium Salt	M-091				
MOPS Free Acid	M-790	6.5-7.9	7.14	Cell culture media, nucleic acid and protein electrophoresis, and protein purification and quantification. Spectroscopic and potentiometric studies. Toxicology studies in yeast (metal toxicity).	Noncomplexing buffer. Filter sterilization required. Suitable for BCA assay.
MOPS Sodium Salt	M-791				
MOPSO Free Acid	M-795	6.2-7.6	6.87	Cell culture media, protein electrophoresis and quantification. Fluorescence spectroscopy, spectrophotometry and isothermal titration calorimetry. Electrochromatography.	Binds Fe ³⁺ .
MOPSO Sodium Salt	M-799				
PIPES Free Acid	P-281	6.1-7.5	6.76	Cell culture, protein crystallization, electrophoresis, isoelectric focusing. Chromatography and protein quantification. Substitute for cacodylate.	Noncomplexing buffer. May form radicals and not suitable for redox reactions. Suitable for BCA assay.
PIPES Sodium Salt	P-280				
TES	T-785	6.8-8.2	7.40	DNA precipitation and extraction. Gel filtration and chromatography. Enzyme assays. Protein quantification.	Binds strongly to Cr ³⁺ and Fe ³⁺ , and binds weakly to CO ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺ . Suitable for BCA assay.
Tricine	T-870	7.4-8.8	8.05	SDS-PAGE, capillary zone electrophoresis, HPLC and ion exchange chromatography, firefly luciferase assays. Lowry protein assay upon addition of Cu ²⁺ .	Binds Cu ²⁺ strongly, Ca ²⁺ and Mn ²⁺ moderately and weakly to Mg ²⁺ . Substitute for barbital. Photooxidized by flavins and flavoproteins.
Tris (Tris Base)	T-400	7.0-9.0	8.06	Electrophoresis, SDS-PAGE Laemmli buffer and other running/loading buffers with glycine, and SDS. Anion exchange chromatography.	Reacts with DEPC, aldehydes, common metals, various enzymes and DNA. Not suitable for BCA assay. Not suitable for most cell culture work.
Tris-HCl	T-095				
TAPS	T-780	7.7-9.1	8.40	DNA analysis, protein purification (ion exchange chromatography, planar chromatography), enzymatic assay (aminopeptidase activity), cell culture media (dinoflagellates).	Inhibits connexin channels. Binds strongly to Cr ³⁺ , Fe ³⁺ and Cu ²⁺ .

Expanded Product List

Browse GoldBio's expanded product list, and discover even more reagents. Please note that listed products and availability are subject to change.

Name	Cat#
<i>Symbols & Numbers</i>	
α -Chloralose (max. 20% β -anomer)	C-118
α -Cyclodextrin	C-400
α -D-Fucose	F-850
α -D-Galactose 1-phosphate, dipotassium salt pentahydrate	G-105
(-)-Arctigenin	A-750
(+)-Bicuculline	B-040
(+)-Sparteine	S-850
(E)-N-Methyl-N-(3-phenyl-2-propen-1-yl)-1-naphthalenemethanamine hydrochloride	E-321
(S)-(+)-6-Methoxy- α -methyl-2-naphthaleneacetic acid	M-625
(S)-cis-Verbenol	S-080
1 kb DNA Ladder	D010
1 kb PLUS™ DNA Ladder	D011
1-(4-Nitrophenyl)glycerol	N-150
1,10-Phenanthroline monohydrate	P-980
1,2,3,4-Tetra-O-acetyl- β -D-glucuronic acid methyl ester	T-180
1,2,4-Triazole	T-640
1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose	D-430
1,2:5,6-Di-O-isopropylidene-D-mannitol	D-405
1,2-Benzisothiazolin-3-one, sodium salt	B-345
1,2-Dimyristoyl-sn-glycero-3-phosphocholine	D-520
1,2-Dimyristoyl-sn-glycero-3-phosphoethanolamine	D-530
1,2-Di-O-tetradecyl-sn-glycerol	D-795
1,2-Dipalmitoyl-rac-glycero-3-phosphocholine	D-226
1,2-Dipalmitoyl-rac-glycero-3-phosphoethanolamine	D-650

Name	Cat#
1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine	D-216
1,2-Octanediol	O-125
1,2-O-Isopropylidene-sn-glycerol	I-890
1,3-Diphenylacetone, 97.0	D-235
1,5-Diphenylcarbazine	D-159
1,8-Octanediol	O-100
100 bp DNA Ladder	D001
100 bp PLUS™ DNA Ladder	D003
10-Deacetyl Baccatin III	D-550
1-Acetyl-3-carboxaldehyde	A-150
1-Deoxymannojirimycin HCl	D-105
1-Deoxynojirimycin	D-101
1-Methylindole	M-380
1-O-Methyl-beta-D-galactopyranoside	M-359
1-O-Methyl- α -D-galactopyranoside (1-O-Methyl-galactoside)	M-270
1-O-Methyl- α -D-glucopyranoside	M-290
1-O-Methyl- α -D-mannopyranoside	M-485
1-O-Methyl- β -D-glucuronic acid, sodium salt	M-310
1-O-Methyl- β -D-glucopyranoside	M-285
1-O-Tetradecylglycerol	T-145
2-(4-Methylumbelliferyl)- α -D-N-acetylneuraminic acid sodium salt (4-MU-NANA)	M-520
2,2'-Bipyridine	D-238
2,2-Diethoxyacetophenone	D-229
2,2'-Ethylenedioxydiethyl bis(2-ethylhexanoate)	E-222
2,3,3-Trimethyl-4,5-benzo-3H-indole	T-233
2,3,4,6-Tetra-O-benzyl-D-glucopyranose	T-150
2,3,4,6-Tetra-O-benzyl-D-mannopyranose	T-140

Name	Cat#
2,3,4-Tri-O-acetyl- α -L-fucopyranosyl bromide	T-234
2,3,5-Triphenyltetrazolium chloride (TTC; Tetrazolium chloride)	T-112
2,3-Dichloro-5,6-dicyano-1,4-benzoquinone (DDQ)	D-133
2,3-Dimethylbenzofuran	D-239
2,3-Dimethylindole	D-560
2,3-O-Isopropylidene-sn-glycerol	I-840
2,4,6-Tris(2-pyridyl)-1,3,5-triazine	T-113
2,4-Dihydroxybenzoic acid	W-160
2,5-Dichloropyridine	Q-180
28-homo-brassinolide	H-255
2-Acetamido-1,3,4,6-tetra-O-acetyl-2-deoxy- α -D-galactopyranose	A-720
2-Amino-1-phenylethanol hydrochloride	A-770
2-Amino-4,6-dichloropyrimidine	A-537
2-Amino-4-chlorobenzoic acid	A-533
2-Amino-4-fluorobenzoic acid	A-520
2-Amino-5-bromobenzoic acid	A-510
2-Amino-6-chlorobenzoic acid	A-535
2-Chloro-3',4'-dihydroxyacetophenone	W-130
2'-C-Methylcytidine	M-315
2-Deoxy-D-galactose	D-090
2-Deoxy-D-glucose	D-590
2-Hydroxy-4-nitrobenzoic acid	H-650
2-Hydroxypalmitic acid	D-630
2-Keto-D-gluconic acid, hemicalcium salt monohydrate	K-050
2-Ketoglutaric acid	K-290
2-Methylhippuric acid	M-387
2-Naphthyl caprylate Octanoic acid (β -naphthyl ester)	N-100
2-Naphthyl myristate	N-235
2-Naphthyl-2-Naphthyl- β -D-galactopyranoside (β -Naphthyl- β -galactoside)	N-120
2-Naphthyl- α -L-fucopyranoside (β -Naphthyl- α -L-fucoside)	N-110

Name	Cat#
2-Naphthyl- α -D-glucopyranoside	N-125
2-Nitrophenyl-1-thio- β -D-galactopyranoside	N-390
2-Nitrophenyl-N-acetyl- β -D-glucosaminide	N-210
2-Nitrophenyl- β -D-cellobioside	N-241
2-Nitrophenyl- β -D-galactopyranoside	N-275
2-O-Dodecylglycerol	D-225
2-Phthalaldehyde	P-680
2-Thiouracil	T-365
3-(1-Methylpyrrol-2-yl)pyridine	M-312
3,4-Cyclohexenoesuletin beta-D-galactopyranoside	W-210
3,4-Dihydroxybenzaldehyde	D-187
3,5-Dichloro-2-hydroxybenzenesulfonic acid, disodium salt	D-155
3,5-Diiodo-L-tyrosine dihydrate	D-390
3,9-Perylenedicarboxylic acid	P-390
3-Acetylindole	A-138
3-Cyanoindole	C-330
3'-Deoxyadenosine	D-380
3-Fluoro-DL-tyrosine	F-249
3-Indoxyl caprylate	I-510
3-Indoxyl phosphate bis (2-amino-2-methyl-1,3-propanediol) salt	I-490
3-Indoxyl-1,3-diacetate	I-550
3-Indoxyl-3-acetate	I-425
3-Iodo-L-tyrosine	I-540
3-O-Methyl-D-glucopyranoside	M-350
4% Agarose Beads, Standard	A-182
4% Agarose Beads, Standard, Crosslinked	A-192
4% HTC Agarose Beads, Standard	R-200
4-(Benzyloxy)aniline hydrochloride	B-145
4-(Dimethylamino)phenyl] (2-iodophenyl)methanone	D-420
4,6-Benzylidene-4-nitrophenyl- α -D-maltoheptaoside	W-250
4,6-Dihydroxy-2-methylpyrimidine	D-350

Name	Cat#
4-[2-(6-Chloro-1H-indazol-3-yl)azo]-3-hydroxynaphthalene-2,7-disulfonic acid, disodium salt	C-452
4-Acetoxyindole	A-335
4'-Amino-2,2':6',2''-terpyridine	A-735
4-Aminophenyl phosphate monosodium salt hydrate	A-292
4-Aminophenyl-β-D-galactopyranoside	A-280
4-Azaindole	A-990
4-Benzoyloxyindole	B-135
4-Benzoyloxyindole-2-carboxylic acid ethyl ester	B-199
4-Bromoindole	B-570
4-Chloro-1-naphthol	C-273
4-Chloroindole	C-422
4-Chloroindole-3-acetic acid	C-181
4-Chlorophenylhydrazine hydrochloride	C-535
4-CPPU	C-145
4-Cyanobenzophenone	C-345
4-Cyanoindole	C-888
4-Cyclohexylbutyl-4-O-(a-D-glucopyranosyl)-b-D-glucopyranoside	W-280
4'-Demethylepipodophyllotoxin	D-740
4-Dimethylamino-2-methoxybenzaldehyde	D-215
4-Fluoroindole	F-120
4-Hydroxy-2-methylindole	H-610
4-Isothiocyanatophenyl-alpha-D-mannopyranoside	I-120
4-Methoxyindole	M-170
4-Methoxyphenylhydrazine hydrochloride	M-429
4-Methylhippuric acid	M-378
4-Methylindole	M-320
4-Methylumbelliferone	M-499
4-Methylumbelliferyl a-L-idopyranosiduronic acid sodium salt	M-490
4-Methylumbelliferyl Caprylate	M-540
4-Methylumbelliferyl cholin phosphate	M-552
4-Methylumbelliferyl nonanoate	M-575

Name	Cat#
4-Methylumbelliferyl palmitate	M-690
4-Methylumbelliferyl phosphate bis (cyclohexylammonium) salt	M-720
4-Methylumbelliferyl phosphate, free acid	M-700
4-Methylumbelliferyl sulfate, potassium salt	M-760
4-Methylumbelliferyl-2-acetamido-2-deoxy-β-galucopyranoside	M-510
4-Methylumbelliferyl-alpha-L-arabinofuranoside	M-555
4-Methylumbelliferyl-beta-D-galactopyranoside-6-sulfate sodium salt	M-565
4-Methylumbelliferyl-beta-D-glucuronic acid dihydrate (MUG)	M-645
4-Methylumbelliferyl-beta-D-xylopyranoside	M-650
4-Methylumbelliferyl-beta-L-fucopyranoside	M-554
4-Methylumbelliferyl-N-acetyl-β-D-galactoside	M-500
4-Methylumbelliferyl-N,N-diacetyl-beta-D-chitobioside	M-553
4-Methylumbelliferyl-α-D-galactopyranoside	M-610
4-Methylumbelliferyl-α-L-fucopyranoside	M-580
4-Methylumbelliferyl-α-L-iduronic acid cyclohexylammonium salt	M-570
4-Methylumbelliferyl-α-D-glucopyranoside	M-630
4-Methylumbelliferyl-α-D-mannopyranoside	M-660
4-Methylumbelliferyl-α-L-arabinopyranoside	M-535
4-Methylumbelliferyl-β-D-cellobioside	M-550
4-Methylumbelliferyl-β-D-fucopyranoside	M-590
4-Methylumbelliferyl-β-D-galactopyranoside	M-620
4-Methylumbelliferyl-β-D-glucopyranoside	M-640
4-Methylumbelliferyl-β-D-mannopyranoside	M-670

Name	Cat#
4-Nitroindole	N-155
4-Nitrophenyl phosphate mono (2-amino-2-ethyl-1,3-propanediol) salt monohydrate	N-550
4-Nitrophenyl phosphate, bis(cyclohexylammonium) salt	N-375
4-Nitrophenyl phosphate, disodium salt hexahydrate	N-380
4-Nitrophenyl phosphate, magnesium salt	C-340
4-Nitrophenyl-beta-D-cellobioside	N-440
4-Nitrophenyl-beta-L-fucopyranoside	N-470
4-Nitrophenyl-N-acetyl-beta-D-galactosaminide; PNP-beta-D-GalNAc	N-200
4-Nitrophenyl-N-acetyl-alpha-D-glucosaminide	N-460
4-Nitrophenyl-N-acetyl-beta-D-glucosaminide	N-230
4-Nitrophenyl-alpha-D-galactopyranoside	N-280
4-Nitrophenyl-alpha-D-glucofuranoside	N-310
4-Nitrophenyl-alpha-D-maltohexaoside	N-330
4-Nitrophenyl-alpha-D-maltopyranoside (p-Nitrophenyl-alpha-D-maltoside; PNP-alpha-D-maltoside)	N-340
4-Nitrophenyl-alpha-D-mannopyranoside	N-360
4-Nitrophenyl-alpha-D-glucofuranoside, beta-Anomer <0.1%	N-311
4-Nitrophenyl-alpha-L-fucopyranoside	N-250
4-Nitrophenyl-beta-D-fucopyranoside	N-260
4-Nitrophenyl-beta-D-galactosidase (p-Nitrophenyl-beta-D-galactoside; PNP-beta-D-Gal)	N-290
4-Nitrophenyl-beta-D-maltopyranoside (p-Nitrophenyl-beta-D-maltoside)	N-350
4-Nitrophenyl-beta-D-mannopyranoside	N-370
4-Nitrophenyl-beta-D-xylopyranoside	N-410
4-Nitrophenyl-beta-D-glucofuranoside	N-320
4-Nitrophenyl-beta-D-lactopyranoside	N-326
5(6)-Carboxyfluorescein diacetate N-succinimidyl ester	C-375
5-(Hydroxymethyl)furfuryl alcohol	H-530

Name	Cat#
5,5'-(1H-Isoindole-1,3(2H)-diylidene)dibarbituric acid	H-550
5,6-O-Isopropylidene-L-gulonono-1,4-lactone	I-770
50 bp DNA Ladder	D100
5-Amino-2-nitrobenzoic acid	A-275
5-Amino-DL-tryptophan	A-296
5-Aminogranine	A-554
5-Aminoindole	A-525
5-Aminoisophthalic acid	A-515
5-Aminolevulinic acid benzyl ester hydrochloride	A-630
5-Aminolevulinic acid hexyl ester hydrochloride	A-620
5-Aminolevulinic acid hydrochloride	A-680
5-Aminolevulinic acid isopropyl ester hydrochloride	A-640
5-Aminolevulinic acid methyl ester hydrochloride	A-660
5-Azacytidine	A-595
5-Azaindole	A-370
5-Benzyloxy-DL-tryptophan	B-222
5-Benzyloxyindole	B-137
5-Benzyloxyindole-2-carboxylic acid	B-195
5-Benzyloxyindole-3-carboxaldehyde	B-210
5-Bromo-3-indoxyl nonanoate	B-675
5-Bromo-3-indoxyl-1,3-diacetate	B-880
5-Bromo-4-chloro-3-indoxyl butyrate	B-300
5-Bromo-4-chloro-3-indoxyl caprylate	B-320
5-Bromo-4-chloro-3-indoxyl nonanoate	B-715
5-Bromo-4-chloro-3-indoxyl phosphate, dilithium salt hydrate	B-743
5-Bromo-4-chloro-3-indoxyl phosphate, p-toluidine salt, micronized	B-575
5-Bromo-4-chloro-3-indoxyl thymidine-3'-phosphate, cyclohexylammonium salt	B-765
5-Bromo-4-chloro-3-indoxyl-1-acetate	B-258
5-Bromo-4-chloro-3-indoxyl-2-acetamido-2-deoxy-beta-D-galactopyranoside (X-beta-D-GalNAc)	B-260

Name	Cat
5-Bromo-4-chloro-3-indoxyl-3-acetate	B-259
5-Bromo-4-chloro-3-indoxyl-alpha-D-fucopyranoside	B-713
5-Bromo-4-chloro-3-indoxyl-beta-D-glucuronic acid, sodium salt anhydrous (X-Gluc Na)	B-735
5-Bromo-4-chloro-3-indoxyl-beta-D-mannopyranoside	B-747
5-Bromo-4-chloro-3-indoxyl- α -D-glucopyranoside	B-380
5-Bromo-4-chloro-3-indoxyl- α -D-N-acetylneuraminic acid, cyclohexylammonium salt	B-730
5-Bromo-4-chloro-3-indoxyl- β -D-cellobioside	B-330
5-Bromo-4-chloro-3-indoxyl- β -D-glucopyranoside	B-385
5-Bromo-4-chloro-3-indoxyl- β -D-xylopyranoside	B-740
5-Bromo-6-chloro-3-indoxyl butyrate	B-310
5-Bromo-6-chloro-3-indoxyl-2-acetamido-2-deoxy- β -D-glucopyranoside	B-280
5-Bromo-6-chloro-3-indoxyl-alpha-D-galactopyranoside	B-710
5-Bromoindole 99.5+%	B-580
5-Bromoindole, 98.0%	B-585
5-Bromoindole-2-carboxylic acid	B-623
5-Bromoindole-2-carboxylic acid ethyl ester	B-810
5-Carboxytetramethylrhodamine	C-385
5-Chloro-DL-tryptophan	C-283
5-Chloro-IAA	C-190
5-Chloroindole	C-165
5-Chloroindole-2-carboxylic acid	C-450
5-Chloroindole-2-carboxylic Acid Ethyl Ester	C-230
5-Chloro-L-tryptophan	C-501
5-Cyano-2,3-di-(p-tolyl) tetrazolium chloride	C-875
5-Cyanoindole	C-350
5-Ethylindole	E-720
5-Ethylindole-2-carboxylic acid	E-790

Name	Cat#
5-Ethylindole-3-acetic acid	E-770
5-ethynyl-2'-deoxyuridine (5-EdU)	E-980
5-Fluoro-2-nitrotoluene	F-600
5-Fluorocytosine	F-500
5-Fluoro-DL-tryptophan	F-244
5-Fluoro-D-tryptophan	F-680
5-Fluoroindole	F-130
5-Fluoroindole-2-carboxylic acid	F-580
5-Fluoro-L-tryptophan monohydrate	F-246
5-Fluoroorotic acid monohydrate (5-FOA)	F-230
5-Fluoroorotic acid potassium salt	F-235
5-Fluorouracil	F-440
5-Hydroxy-2-methylindole	H-220
5-Hydroxyindole	H-155
5-Hydroxyindole, Ultra Pure	H-150
5-Hydroxyindole-2-carboxylic acid	H-190
5-Hydroxyindole-3-acetic acid	H-180
5-Hydroxytryptophol	H-260
5-Iodo-3-indoxyl- β -D-galactopyranoside (Iodo- β -D-Gal)	I-530
5-Methoxy-2-methylindole	M-250
5-Methoxy-DL-tryptophan	M-263
5-Methoxyindole Ultra Pure	M-180
5-Methoxyindole-3-acetic acid	M-365
5-Methoxy-L-tryptophan	M-265
5-Methoxytryptophol	M-267
5-Methylcytidine	M-585
5-Methyl-DL-tryptophan	M-494
5-Methylindole-3-acetic acid	M-354
5-Methylindole-3-carboxaldehyde	M-474
5-Methylphenazinium methosulfate	M-505
5-Nitro-DL-tryptophan	N-420
5-Nitroindole	N-160
5X Luciferase Lysis Buffer	L-740
5X Passive Lysis Buffer	L-745

Name	Cat#
5X Phosphate Buffer + 3M Imidazole Solution	I-905
5X Phosphate Buffer, pH 8	P-500
6% Agarose Beads, Standard	A-183
6% Agarose Beads, Standard, Crosslinked	A-193
6% HTC Agarose Beads, Standard	R-201
6-Aminopenicillanic acid	A-915
6-Aminoquinolyl-N- hydroxysuccinimidyl carbamate	A-675
6-Azaindole	A-970
6-Azauracil	A-400
6-Benzylaminopurine (6-BAP; 6-Benzyladenine)	B-110
6-Benzyloxyindole-3-carboxaldehyde	B-189
6-Bromo-2-naphthyl-alpha- D-mannopyranoside	B-830
6-Bromo-2-naphthyl- α - D-galactopyranoside	B-705
6-Bromo-DL-tryptophan	B-770
6-Bromoindole	B-590
6-Carboxytetramethylrhodamine	C-360
6-Chloro-3-indoxyl caprylate	C-485
6-Chloro-3-indoxyl-1-acetate	C-475
6-Chloro-3-indoxyl-3-acetate	C-060
6-Chloro-3-indoxyl-alpha- D-galactopyranoside	C-150
6-Chloro-3-indoxyl-alpha- D-glucopyranoside	C-160
6-Chloro-3-indoxyl-alpha- D-mannopyranoside	C-210
6-Chloro-3-indoxyl-beta- D-cellobioside	C-495
6-Chloro-3-indoxyl-beta- D-glucopyranoside	C-170
6-Chloro-3-indoxyl-beta-D-glucuronic acid, cyclohexylammonium salt	C-200
6-Chloro-5-fluoroindole	C-130
6-Chloro-DL-tryptophan	C-595
6-Chloroindole	C-424
6-Chloro-L-tryptophan	C-655

Name	Cat#
6-Cyanoindole	C-820
6-Cyclohexylhexyl-4-O-(α -D- glucopyranosyl)- β -D-glucopyranoside	W-270
6-Diazo-5-oxo-L-norleucine	D-605
6-Dimethylamino-9-(β -D- ribofuranosyl)purine	D-220
6-F-IAA	F-170
6-Fluoro-3-indoxyl- β - D-galactopyranoside	F-215
6-Fluoro-DL-tryptophan	F-248
6-Fluorogramine	F-430
6-Fluoroindole	F-140
6-Hydroxyindole	H-160
6-Methoxygramine	M-160
6-Methoxyindole	M-181
6-Methyl-DL-tryptophan	M-496
6-Nitroindole	N-302
6-Nitroindoline	N-345
6X Blue Loading Dye	L002
6X GelRed™ Prestain Loading Buffer with Orange Tracking Dye	G-735
6X Green Loading Dye	L001
7-(Cyanomethoxy)indole	C-825
7-Aminocephalosporanic acid	A-229
7-Aminodesacetoxycephalosporanic acid	A-760
7-Azaindole	A-980
7-Benzyloxyindole	B-165
7-Bromoindole	B-845
7-Chloro-L-tryptophan	C-755
7-Deazaadenosine	D-715
7-Fluoroindole	F-435
7-Fluorooxindole	F-650
7-Hydroxyflavone	H-580
7-Methoxycoumarin	M-335
7-Methoxyindole	M-190
7-Methyl-DL-tryptophan	M-498
7-Methylindole	M-394

Name	Cat#
7-Methylindole-2-carboxylic acid	M-465
7-Methylindole-3-acetic acid	M-390
7-Nitroindole	N-304
8-Acetoxypyrene-1,3,6-trisulfonic acid trisodium salt	A-850
8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt	A-800
8-Hydroxyquinoline	H-605
8-Hydroxyquinoline sulfate	H-840
8-Hydroxyquinoline- β -D-galactopyranoside (8-Hydroxy-1-azanaphthalene- β -D-galactoside)	H-240
8-Hydroxyquinoline- β -D-glucuronic acid, sodium salt	H-250
8-Methoxypyrene-1,3,6-trisulfonic acid trisodium salt	M-410
A	
Abscisic acid	A-050
Acalabrutinib	A-415
ACES	A-010
Acetylcholine iodide	A-120
Acidic FGF (FGF1), Human	1140-01
Acidic FGF (FGF1), Murine	1340-01
Acriflavine HCl	A-905
Actinomycin D, USP Grade	A-360
Activated Sodium Orthovanadate Solution	S-930-SL
a-Cyano-4-hydroxycinnamic acid	C-349
Acyloguanosine	A-910
ADA	A-780
Adenine 9- β -D-arabinofuranoside (Vidarabine)	A-145
Adenosine, Free Base	A-060
Adenosine-5'-Monophosphate (AMP), Disodium hexahydrate, Ultra Pure	A-082
Adenosine-5'-Triphosphate (ATP), Disodium trihydrate, Ultra Pure	A-081
Adonitol	A-175
AEBSF	A-540
Agarose LE (Molecular Biology Grade)	A-201

Name	Cat#
AGL-1 (pSoup) <i>Agrobacterium</i> Chemically Competent Cells	CC-116
AGL-1 (pSoup) <i>Agrobacterium</i> Electrocompetent Cells	CC-218
AGL-1 (pSoup-P19) <i>Agrobacterium</i> Chemically Competent Cells	CC-126
AGL-1 (pSoup-P19) <i>Agrobacterium</i> Electrocompetent Cells	CC-228
AGL-1 <i>Agrobacterium</i> Chemically Competent Cells	CC-106
AGL-1 <i>Agrobacterium</i> Electrocompetent Cells	CC-208
Albendazole	A-210
Alkaline Phosphatase, 2-Component System	A-440
alpha,beta-D-Glucose pentaacetate	G-240
alpha-D-Cellobiose octaacetate	C-265
alpha-D-Glucosamine pentaacetate	G-230
alpha-D-Glucose-1-phosphate disodium salt hydrate	D-045
alpha-Naphthoflavone	N-145
Amikacin Hydrate	A-530
Amikacin Sulfate, USP Grade	A-532
Amiprophos Methyl	A0185
Ammonium Acetate	A-460
Amoxicillin Sodium Salt	A-551
Amoxicillin, Trihydrate	A-550
Amoxicillin/Clavulanate	A-552
Ampho99	A-562
Amphotericin B, Solubilized	A-561
Amphotericin B, USP Grade	A-560
Ampicillin (Sodium) 100 mg/mL Solution	A-301-SL
Ampicillin (Sodium) EZ Pak™ for 100 mg/mL Solution	A-301-EZ
Ampicillin (Sodium), USP Grade	A-301
Ampicillin Anhydrous	A-302
Ampicillin Trihydrate	A-303
Ampicillin/Sulbactam (2:1)	A-115
Amygdalin	A-570

Name	Cat#
Anisomycin	A-580
Anthrone	A-880
Apramycin Sulfate	A-600
Aprotinin	A-655
Arachidoyl-DL-carnitine chloride	A-327
AREG, Human	1150-11
Artesunate	A-670
Asunaprevir	A-820
Atractyloside dipotassium salt	A-700
Auxo-Agro™ EHA105 Chemically Competent Cells	CC-168
Auxo-Agro™ EHA105 Electrocompetent Cells	CC-268
Auxo-Agro™ LBA4404 Chemically Competent Cells	CC-167
Auxo-Agro™ LBA4404 Electrocompetent Cells	CC-267
Azelaic acid	A-960
Azithromycin Dihydrate	A-900
Azlocillin Sodium	A-920
Aztreonam	A-930
Aztreonam, Solubilized	A-940
B	
Bacitrac99	B-071
Bacitracin, USP Grade	B-070
Bactenecin	B-305
Bacterial Cell Lysis Buffer	GB-177
Baicalin	B-415
Bakuchiol	B-700
Basic FGF (FGF2), Bovine	1640-02
Basic FGF (FGF2), Human	1140-02
Basic FGF (FGF2), Murine	1340-02
Basic FGF (FGF2), Rat	1540-02
Basic Fuchsin	F-060
BCIP	B-500
BCIP Potassium salt	B-505
BCIP Sodium salt	B-515

Name	Cat#
Benzalkonium chloride	B-350
Benzamidine Hydrochloride Monohydrate	B-050
Bergapten	B-155
BES	B-780
Bestatin	B-915
beta-D-Glucose pentaacetate	G-390
beta-D-Maltose octaacetate	M-920
Bialaphos, Sodium Salt	B0178
Bicine	B-785
Biotin-NHS ester	B-120
Biotin-PEG4-NHS Ester	B-720
Biperiden hydrochloride	B-425
Bis(4-methylumbelliferyl)phosphate	B-255
Bis(4-methylumbelliferyl) pyrophosphoric acid, disodium salt	B-355
Bis(trifluoromethane) sulfonimide lithium salt	B-340
Bis-Acrylamide	B-900
Bis-Acrylamide, 2% Solution	B-901
Bis-Tris	B-020
Bithionol	B-560
BL21 (DE3) Chemically Competent <i>E. coli</i> Cells	CC-103
BL21 (DE3) Electrocompetent <i>E. coli</i> Cells	CC-204
BL21 Chemically Competent <i>E. coli</i> Cells	CC-102
Blasticidin S HCl	B-800
Blazin' Blue™ Protein Gel Stain	P-810
Blazin' Bright™ Luminescent Protein Gel Stain	P-820
Blazin' Bright™ Luminescent UV Protein Gel Stain	P-825
Bleomycin A5 hydrochloride	B-405
Bleomycin Sulfate, USP Grade	B-910
Blue Tetrazolium chloride	B-480
BLUEstain™ 2 Protein ladder, 5-245 kDa	P008
BLUEstain™ Protein ladder, 11-245 kDa	P007

Name	Cat#
Bluo-Gal	B-673
BMP2, Human	1180-02
BMP7, Human Inactive Protein	1180-07
Bovine Serum Albumin (BSA), Fraction V, Fatty Acid Free for tissue culture	A-421
Bovine Serum Albumin (BSA), Fraction V, Protease Free	A-420
Brefeldin A	B-930
Brilliant Green	B-080
Bromocresol Green, Sodium Salt, ACS Grade	B-091
Bromophenol Blue Free Acid, ACS Grade	B-092
Bromothymol blue sodium salt	B-750
BTC, Human	1170-12
BTC, Murine	1370-12
Bulbocapnine hydrochloride	B-920
C	
C-390	C-390
C58C1 <i>Agrobacterium</i> Chemically Competent Cells	CC-109
C58C1 <i>Agrobacterium</i> ElectroCompetent Cells	CC-240
Caffeic acid phenethyl ester	C-070
Caffeic Acid Pure	C-100
Camptothecin (<i>Camptotheca acuminata</i>)	C-705
Camptothecin (<i>Mappia foetida</i>)	C-565
Camptothecin sodium	C-605
Cantharidin	C-975
Capreomycin Sulfate	C-510
CAPS	C-040
Carbenicillin (Disodium) 100 mg/mL Solution	C-103-SL
Carbenicillin (Disodium) EZ Pak™ for 100 mg/mL Solution	C-103-EZ
Carbenicillin (Disodium), USP Grade	C-103
Carboplatin	C-155
Carboxymethoxyamine hemihydrochloride	C-355
Carfilzomib	C-915

Name	Cat#
Caspofungin Acetate	C-520
CCL1, Human	2140-01
CCL11, Human	2140-11
CCL11, Murine	2340-11
CCL11, Rat	2540-11
CCL11, Rhesus Macaque	2240-11
CCL12, Murine	2340-12
CCL13, Human	2140-13
CCL14 (66 a.a.), Human	2140-14A
CCL14, Human	2140-14
CCL15 (68 a.a.), Human	2140-15T
CCL15, Human	2140-15
CCL16, Human	2140-16
CCL17, Human	2140-17
CCL17, Murine	2340-17
CCL17, Rat	2540-17
CCL18, Human	2140-18
CCL19, Murine	2340-19
CCL2, Human	2140-02
CCL20, Human	2140-20
CCL20, Murine	2340-20
CCL21, Human	2140-21
CCL21, Murine	2340-21
CCL22, Human	2140-22
CCL22, Murine	2340-22
CCL22, Rat	2540-22
CCL23, Human	2140-23
CCL24, Human	2140-24
CCL24, Murine	2340-24
CCL24, Rat	2540-24
CCL25, Human	2140-25
CCL25, Murine	2340-25
CCL26, Human	2140-26
CCL27, Murine	2340-27
CCL28, Human	2140-28
CCL28, Murine	2340-28

Name	Cat#
CCL28, Rat	2540-28
CCL3, Human	2140-03
CCL3, Murine	2340-03
CCL3, Rat	2540-03
CCL3L1, Human	2140-03A
CCL4, Human	2140-04
CCL4, Murine	2340-04
CCL4, Rat	2540-04
CCL4L1, Human	2140-04A
CCL5, Human	2140-05
CCL5, Murine	2340-05
CCL6, Murine	2340-06
CCL6, Rat	2540-06
CCL7, Human	2140-07
CCL7, Murine	2340-07
CCL7, Rat	2540-07
CCL8, Human	2140-08
CCL8, Murine	2340-08
CCL9 (CCL10), Murine	2340-09
CDNF, Murine	1370-16
CDNF, Rat	1570-16
Cecropin A	C-285
Cecropin B	C-625
Cecropin P1, porcine	C-241
Cefaclor	C-530
Cefadroxil	C-540
Cefamandole Nafate	C-560
Cefamandole Sodium Salt	C-561
Cefazolin sodium	C-325
Cefdinir	C-580
Cefditoren pivoxil	C-515
Cefditoren sodium	C-925
Cefepime	C-610
Cefepime HCl	C-611
Cefixime Trihydrate	C-620
Cefmetazole free acid	C-225

Name	Cat#
Cefmetazole Sodium	C-631
Cefminox Sodium Heptahydrate	C-465
Cefoperazone Sodium, USP Grade	C-660
Cefotaxime (Sodium) 100 mg/mL Solution	C-104-SL
Cefotaxime (Sodium) 250 mg/mL Solution	C-104-SX
Cefotaxime (Sodium) EZ Pak™ for 100 mg/mL Solution	C-104-EZ
Cefotaxime (Sodium), USP Grade	C-104
Cefotetan disodium	C-715
Cefotiam HCl	C-681
Cefoxitin	C-960
Cefozopran HCl	C-690
Cefpirome Sulfate	C-701
Cefpirome Sulfate with Sodium Carbonate	C-702
Cefpodoxime Proxetil	C-710
Cefpodoxime Sodium Salt	C-711
Cefpodoxime, Free acid	C-712
Cefprozil	C-720
Cefradine	C-730
Cefsulodin (SCE-129)	C-114
Ceftazidime Pentahydrate	C-740
Cefteram pivoxil	C-445
Ceftibuten	C-760
Ceftiofur Sodium	C-770
Ceftizoxime Sodium	C-780
Ceftriaxone free acid	C-435
Ceftriaxone Sodium, USP Grade	C-781
Cefuroxime Sodium	C-790
Cellulase R-10	C8001
Cellulase RS	C8003
Cephalexin hydrate	C-818
Cephalomannine	C-545
Cephalothin sodium	C-775
Cephapirin benzathine	C-745
Cetylpyridinium chloride	C-120

Name	Cat#
CHAPS	C-080
Chenodeoxycholic acid, sodium salt	C-294
CHES	C-870
Chicoric acid	C-815
Chloramphenicol, USP Grade	C-105
Chloramphenicol-beta-D-galactopyranoside	C-335
Chlorhexidine	C-615
Chlorhexidine diacetate salt	C-250
Chlorhexidine HCl	C-725
Chlorimuron ethyl (Sulfonylurea)	C-905
Chlorogenic acid	C-135
Chlorophenol Red	C-278
Chlorophenol red beta-D-galactopyranoside sodium salt	C-500
Chlorsulfuron	C-935
Chlortetracycline HCl, USP Grade	C-840
Cholesteryl-cis-9-octadecenoate	C-550
Cholesteryl-phosphorylcholine	C-585
Choline chloride, USP Grade	C-850
Chymostatin	C-315
Cidofovir dihydrate	C-275
Ciprofloxacin	C-860
Ciprofloxacin HCl	C-861
Clarithromycin	C-880
Clavulanic Acid Potassium w/ Cellulose (1:1)	C-890
Clavulanic acid, lithium salt	C-405
Clindamycin Hydrochloride	C-175
Clofazimine	C-125
Clotrimazole	C-900
Cloxacillin Sodium	C-805
Cloxacillin sodium	C-835
CNTF, Human	1170-08
CNTF, Murine	1370-08
CNTF, Rat	1570-08
Cobalt Agarose Beads (High Density)	H-310

Name	Cat#
Cobalt HTC Agarose Beads	R-203
Coelenterazine	CZ
Coelenterazine 400 a	C-320
Colchicine	C-910
Colistin Sodium Methanesulfonate	C-920
Colistin Sulfate, USP Grade	C-921
Competent Cell Recovery Medium	CC-300
Coomassie Brilliant Blue G-250	C-460
Coomassie Brilliant Blue R-250	C-461
Cresol red	C-830
Cryptotanshinone	C-735
Crystal violet	C-328
CSF1 (M-CSF), Human	1120-09
CSF1 (M-CSF), Murine	1320-09
CSF2 (GM-CSF), Canine	1420-03
CSF2 (GM-CSF), Human	1120-03
CSF2 (GM-CSF), Murine	1320-03
CSF2 (GM-CSF), Rat	1520-03
CSF2 (GM-CSF), Rhesus macaque	1220-03
CSF3 (G-CSF), Human	1120-02
CSF3 (G-CSF), Murine	1320-02
CSF3 (G-CSF), Rat	1520-02
CSF3 (G-CSF), Rhesus macaque	1220-02
CX3CL1, Human	2130-01
CX3CL1, Murine	2330-01
CX3CL1, Rat	2530-01
CXCL1, Human	2110-01
CXCL1, Murine	2310-01
CXCL1, Rat	2510-01
CXCL10, Human	2110-10
CXCL10, Murine	2310-10
CXCL10, Rat	2510-10
CXCL10, Rhesus macaque	2210-10
CXCL11, Human	2110-11
CXCL12-alpha, Human	2110-12A
CXCL12-alpha, Murine	2310-12A

Name	Cat#
CXCL12-alpha, Rat	2510-12A
CXCL12-beta, Human	2110-12B
CXCL12-beta, Murine	2310-12B
CXCL12-beta, Rat	2510-12B
CXCL12-gamma, Human	2110-12C
CXCL13, Human	2110-13
CXCL14, Murine	2310-14
CXCL14, Rat	2510-14
CXCL16, Murine	2310-16
CXCL17, Human	2110-17
CXCL17, Rat	2510-17
CXCL2, Human	2110-02
CXCL2, Murine	2310-02
CXCL2, Rat	2510-02
CXCL3, Human	2110-03
CXCL3, Murine	2310-03
CXCL3-alpha, Rat	2510-03A
CXCL3-beta, Rat	2510-03B
CXCL5 (5-78 a.a.), Human	2110-05
CXCL5 (70 a.a.), Murine	2310-05T
CXCL5 (8-78 a.a.), Human	2110-05T
CXCL5 (92 a.a.), Murine	2310-05
CXCL6 (CXCL5), Rat	2510-05
CXCL9, Human	2110-09
CXCL9, Murine	2310-09
Cy3-NHS Ester	B-230
Cy5-NHS Ester	B-430
Cyclohex99	C-931
Cycloheximide	C-930
Cyclosporin A	C-940
Cyclosporin B	C-942
Cyclosporin D	C-944
CYR61, Human	1150-18
Cysteamine Hydrochloride	C-122
Cytochrome C	C-640

Name	Cat#
D	
D-(+)-chiro-Inositol	D-055
D17Wsu104e (SF20), Murine	1310-25
DAB Tetrahydrochloride Hydrate	D-320
Dabrafenib	D-210
Dacarbazine	D-540
DAP-HCl	D-130
Daptomycin	D-705
D-Arabitol	A-310
D-Arginine, free base	A-840
Daunorubicin HCl	D-135
D-Biotin	B-950
D-Cellobiose	C-115
D-Cycloserine	C-970
D-Cysteine hydrochloride monohydrate	C-965
DEFB1, Human	1190-01
DEFB1, Murine	1390-01
DEFB1, Rat	1590-01
DEFB103A, Human	1190-03
DEFB104A, Human	1190-04
DEFB105A, Human	1190-05
DEFB2, Murine	1390-02
DEFB3, Murine	1390-03
DEFB3, Rat	1590-03
DEFB4, Rat	1590-04
DEFB4A, Human	1190-02
Dehydroascorbic acid	D-080
Dehydroluciferin	D-065
Demeclocycline hydrochloride	D-275
Deoxycholic Acid Sodium Salt	D-070
Deoxyribonucleic acid, sodium salt from Salmon Sperm	D-112
Dequalinium chloride	D-190
Desferioxamine mesylate	D-660
Dexamethasone	D-940
Dexamethasone 21-phosphate disodium salt	D-700

Name	Cat#
D-Fructose 6-phosphate, disodium salt dihydrate	F-760
D-Galactosamine Hydrochloride	G-101
D-Galactose	G-010
D-Galactose plant origin (ex peach gum)	G-015
D-Glucose 6-phosphate, barium salt	G-340
D-Glucose 6-phosphate, disodium salt	G-360
D-Glucose 6-phosphate, monosodium salt	G-127
D-Glucuronic acid	G-130
D-Glucuronolactone	G-141
Diallyl trisulfide	D-030
Diazolidinylurea	D-025
Dicamba	D-760
Dichlorophen BP	D-820
Diethyl acetamidomalonate	D-290
Diethylcarbamazine citrate salt	D-910
Diethylpyrocarbonate (DEPC)	D-340
Difloxacin HCl	D-440
Digitonin Special Grade (water soluble)	D-180
Dihydrostreptomycin Sulfate	D-450
Dihydrotanshinone I	D-800
Dimethyl 1,4-Cubanedicarboxylate	D-415
Dimetridazole	D-460
Dioscin	D-020
Dirithromycin	D-305
DL-2-Aminobutyric acid	A-233
DL39 (DE3) Chemically Competent <i>E. coli</i> Cells	CC-104
DL-3-Tyrosine, 95.0	T-135
DL-Arginine, free base	A-890
DL-Ethionine	E-490
D-Leucine	L-270
DL-Glyceraldehyde (Dimer), 93%+	G-160
DL-Glyceraldehyde (Dimer), 95%+	G-420
DL-Homocysteic acid	H-275

Name	Cat#
DL-Indole-3-lactic acid	I-360
DL-Methionine sulfoxide	M-130
DL-Proline	P-230
D-Luciferin Firefly, free acid	L-123
D-Luciferin, Potassium Salt (Endotoxin Free)	eLUCK
D-Luciferin, Potassium Salt (Proven and Published®)	LUCK
D-Luciferin, Sodium Salt (Endotoxin Free)	eLUCNA
D-Luciferin, Sodium Salt (Proven and Published®)	LUCNA
D-Lysine monohydrochloride	L-900
D-Mannoheptulose	M-105
D-Mannose	M-103
D-Melezitose hydrate	M-106
D-Melibiose Monohydrate	M-150
DMNPE-caged Luciferin	L-130
DMSO, ACS Grade	D-360
DNase I, Bovine Pancreas (Lysate Tested), >2000 Kunitz U/mg	D-301
DNase I, Bovine Pancreas (Lysate Tested), >300 Kunitz U/mg	D-303
DNase I, Bovine Pancreas (Lysate Tested), >500 Kunitz U/mg	D-300
D-Norvaline	N-960
dNTP Mix	D-900
Doxorubicin HCl, USP Grade	D-490
Doxycycline Hyclate	D-500
D-Penicillamine	P-790
D-Proline	P-220
D-Raffinose pentahydrate	R-030
D-Ribose	R-600
D-Ribose, 99.0%+	R-605
D-Salicin, natural	S-320
DTE (Dithioerythritol)	D-260
DTNB (Ellman's Reagent)	D-250
D-Tryptophan	T-880

Name	Cat#
DTT (Dithiothreitol) (> 99% pure) Protease free	DTT
Dual Luciferase Passive Lysis Buffer	L-710
Duchefa Gelrite™	G1101
D-Xylose	X-070
E	
E-64	E-064
Econazole Nitrate	E-200
EDTA Disodium, dihydrate	E-210
EGF, Human	1150-04
EGF, Murine	1350-04
EGF, Rat	1550-04
EGTA	E-217
EHA105 (pSoup) <i>Agrobacterium</i> Chemically Competent Cells	CC-118
EHA105 (pSoup) <i>Agrobacterium</i> ElectroCompetent Cells	CC-235
EHA105 (pSoup-P19) <i>Agrobacterium</i> Chemically Competent Cells	CC-128
EHA105 (pSoup-P19) <i>Agrobacterium</i> ElectroCompetent Cells	CC-245
EHA105 <i>Agrobacterium</i> Chemically Competent Cells	CC-108
EHA105 <i>Agrobacterium</i> ElectroCompetent Cells	CC-225
Embelin	E-310
Emodin	E-410
Empty FPLC Columns	F-300
Enoxacin	E-900
Enramycin	E-610
Enrofloxacin	E-230
Enrofloxacin HCl	E-231
Eosin Y	E-215
EPGN (Epigen), Human	1150-06
Epibrassinolide	E-250
Epigallocatechin gallate	E-515
EREG (Epiregulin), Human	1150-07
Erlotinib HCl	E-270
Erythromycin	E-350

Name	Cat#
Erythromycin Estolate	E-300
Erythromycin Ethylsuccinate	E-301
Esculetin	E-400
Ethambutol	E-280
Ethambutol DiHCl	E-505
Ethionamide	E-290
Ethyl 2-methylacetoacetate	E-151
Etoposide	E-905
EvaGreen® Dye, 2000x in DMSO	E-675
EvaGreen® Dye, 20x in Water	E-670
F	
FAM19A2, Human	2150-01
Faropenem Sodium	F-350
Female FPLC Connector	F-310
FGF10/KGF2, Human	1140-10
FGF10/KGF2, Murine	1340-10
FGF10/KGF2, Rat	1540-10
FGF13, Human	1140-13
FGF18, Murine	1340-18
FGF18, Rat	1540-18
FGF19, Human	1140-19
FGF21, Human	1140-21
FGF21, Murine	1340-21
FGF21, Rat	1540-21
FGF23, Human	1140-23
FGF4, Human	1140-04
FGF7/KGF1, Human	1140-07
FGF7/KGF1, Murine	1340-07
FGF8, Murine	1340-08
FGF9, Human	1140-09
FGF9, Murine	1340-09
FGF9, Rat	1540-09
Filipin	F-505
Fipronil	F-520
Florfenicol	F-410
FLT3LG, Human	1130-05

Name	Cat#
Flubendazole	F-405
Flucloxacillin Sodium	F-420
Fluconazole	F-450
Flumequine	F-510
Flumethasone	F-915
Fluorescein isothiocyanate Isomer I (FITC)	F-050
Fluoresceinamine Isomer I	F-270
Flurbiprofen	F-610
Flurbiprofen Sodium	F-710
Forceps	F3001
Forceps and Scalpel Rack	R3002
Formonentin	F-800
Fosfomycin Sodium	F-470
Fraxetin	Q-170
Fumagillin	F-515
Furazolidone	F-480
Furosine dihydrochloride	F-080
Fusaric acid	F-990
Fusidic acid	F-905
Fusidic Acid Sodium	F-490
G	
G418 Sulfate	G-418
Gal-alpha1,3-GalNAc	A-170
gamma-Cyclodextrin	C-950
Ganciclovir	Q-270
Gatifloxacin	G-410
GB10B™ Chemically Competent <i>E. coli</i> Cells	CC-100
GB10B™ Electrocompetent <i>E. coli</i> Cells	CC-200
GB10B-Pro™ Electrocompetent <i>E. coli</i> Cells	CC-201
GB5-alpha™ Chemically Competent <i>E. coli</i> Cells	CC-101
GB5-alpha™ Electrocompetent <i>E. coli</i> Cells	CC-203
GDNF, Human	1170-14

Name	Cat#
GDNF, Rat	1570-14
Gefitinib	G-610
GelGreen™ Nucleic Acid Stain Gel Stain, 10,000X in DMSO	G-740
GelGreen™ Nucleic Acid Stain Gel Stain, 10,000X in Water	G-745
GelRed™ Nucleic Acid Gel Stain, 10,000X in DMSO	G-720
GelRed™ Nucleic Acid Gel Stain, 10,000X in Water	G-725
Geniposide	G-750
Gentamicin Sulfate 50 mg/mL Solution	G-400-SL
Gentamicin Sulfate EZ Pak™ for 50 mg/mL Solution	G-400-EZ
Gentamicin Sulfate, USP Grade	G-400
Germacrone	G-100
Gibberellic Acid 3 (Quick-Dissolve™)	G-120
Gibberellic Acid 4+7	G-470
Glucose Oxidase >100 U/mg	G-040
Glucose Oxidase >225 U/mg	G-041
Glutaryl-glycyl-L-arginine 7-amido-4-methylcoumarin hydrochloride	G-350
Glutathione Agarose Resin	G-250
Glutathione reduced ethyl ester	G-275
Glutathione, Oxidized	G-060
Glycine Anhydride	G-190
Glycine methyl ester hydrochloride	G-480
Glycine, USP Grade	G-630
Glycochenodeoxycholic acid	G-540
Glycochenodeoxycholic acid, sodium salt	G-590
Glycocholic acid, sodium salt hydrate	G-500
Glycodeoxycholic acid, sodium salt	G-925
Glycyl-L-proline AMC	G-200
Glyoxal (High Density) 6% Agarose Beads, Crosslinked	G-303
Glyoxal (Low Density) 6% Agarose Beads, Crosslinked	G-302
Glyoxal HTC 6% HIGH Density Agarose Beads	G-312

Name	Cat#
GMFB, Human	1170-07
GMFB, Murine	1370-07
GMFB, Rat	1570-07
GoldBio Product Catalog	GBCAT
Goof-Proof™ qPCR Master Mix	G-700
Goof-Proof™ qPCR Master Mix with ROX	G-705
Goof-Proof™ Universal Probe Master Mix	G-710
Goof-Proof™ Universal Probe Master Mix with ROX	G-715
Griseofulvin	G-650
Guanidine HCl	G-211
Guanidine thiocyanate (Guanidine Isothiocyanate)	G-210
GV3101 (pSoup) <i>Agrobacterium</i> Chemically Competent Cells	CC-115
GV3101 (pSoup) <i>Agrobacterium</i> Electrocompetent Cells	CC-217
GV3101 (pSoup-P19) <i>Agrobacterium</i> Chemically Competent Cells	CC-125
GV3101 (pSoup-P19) <i>Agrobacterium</i> Electrocompetent Cells	CC-227
GV3101 <i>Agrobacterium</i> Chemically Competent Cells	CC-105
GV3101 <i>Agrobacterium</i> Electrocompetent Cells	CC-207
H	
HB101 Chemically Competent <i>E. coli</i> Cells	CC-150
HBEGF, Human	1150-14
HBEGF, Murine	1350-08
HBEGF, Rat	1550-08
Hemin	H-280
Hepatitis B (HBV) Surface Antigen preS1	6820-01
HEPES, Free Acid	H-400
HEPES, Sodium Salt	H-401
HEPPSO	H-480
Hexadecylpyridinium bromide	H-615
H-Gly-AMC-HBr	G-180

Name	Cat#
Highest Density Nickel	H-390
His-Tag Buffer Set	I-906
Histamine dihydrochloride	H-110
H-L-Pro-pNA Trifluoroacetate	T-050
Honokiol	H-850
Horseradish peroxidase (HRP)	P-100
Hydrocortisone	H-900
Hydroxyurea	H-510
Hygro99	H-271
Hygromycin B	H-270
Hygromycin B EZ Pak™ for 50 mg/mL Solution	H-270-EZ
I	
IAA (Indole-3-Acetic Acid)	I-110
IBA (Indole-3-butyric acid)	I-180
Icariin	I-215
Icaritin	I-315
Icotinib hydrochloride	I-560
Idebenone	I-850
IFN-alpha1A, Human	1160-01
IFN-alpha1B, Human	1160-02
IFN-alpha2A, Human	1160-03
IFN-alpha2B (E. coli), Human	1160-04E
IFN-alpha2B (S. cerevisiae), Human	1160-04Y
IFN-gamma, Canine	1460-06
IFN-gamma, Equine	1060-06
IFN-gamma, Human	1160-06
IFN-gamma, Murine	1360-06
IFN-gamma, Rat	1560-06
IFN-lambda1 (IL29), Human	1160-07
IFN-lambda2 (IL28A), Murine	1360-08
IFN-lambda3 (IL28B), Murine	1360-08B
IFN-omega1, Human	1160-09
IGF1 DES, Human	1150-01B
IGF1, 15N, Human	1150-01N

Name	Cat#
IGF1, Human	1150-01
IGF1, Murine	1350-01
IGF1, Rat	1550-01
IGFBP3, Human	1150-01B3
IGFBP7, Human	1150-01B7
IL10, Human	1110-10
IL10, Murine	1310-10
IL11, Human	1110-11
IL11, Murine	1310-11
IL13, Human	1110-13
IL13, Human (Variant)	1110-13V
IL13, Murine	1310-13
IL13, Rat	1510-13
IL13, Rat (113 a.a.)	1510-13B
IL13, Rhesus macaque	1210-13
IL15, Human	1110-15
IL16, Human (121 a.a.)	1110-16
IL16, Human (130 a.a.)	1110-16B
IL16, Murine (121 a.a.)	1310-16
IL16, Rhesus macaque	1210-16
IL17A, Human	1110-17
IL17A, Rat	1510-17
IL17B, Human	1110-17B
IL17F, Human	1110-17F
IL19, Human	1110-19
IL1A (IL-1 alpha), Human	1110-01A
IL1A (IL-1 alpha), Murine	1310-01A
IL1A (IL-1 alpha), Rat	1510-01A
IL1A (IL-1 alpha), Rhesus macaque	1210-01A
IL1B (IL-1 beta), Equine	1010-01B
IL1B (IL-1 beta), Human	1110-01B
IL1B (IL-1 beta), Murine	1310-01B
IL1B (IL-1 beta), Porcine	1810-01B
IL1B (IL-1 beta), Rat	1510-01B
IL1B (IL-1 beta), Rhesus macaque	1210-01B
IL1RN (IL-1RA), Equine	1010-01C

Name	Cat#
IL1RN (IL-1RA), Human	1110-01C
IL1RN (IL-1RA), Murine	1310-01C
IL1RN (IL1-RA), Porcine	1810-01C
IL1RN (IL-1RA), Rat	1510-01C
IL2 (Cys141Ser), Equine	1010-02A
IL2, Human	1110-02
IL2, Murine	1310-02
IL2, Porcine	1810-02
IL2, Rat	1510-02
IL20, Human	1110-20
IL21, Human	1110-21
IL21, Murine	1310-21
IL21, Rat	1510-21
IL22, Human	1110-22
IL22, Murine	1310-22
IL22, Rat	1510-22
IL3 B, Rat	1510-03B
IL3, Canine	1410-03
IL3, Human	1110-03
IL3, Murine	1310-03
IL3, Rhesus macaque	1210-03
IL31, Human	1110-31
IL33, Human	1110-33
IL33, Murine	1310-33
IL33, Rat	1510-33
IL36A (IL-36 alpha), Human (153 a.a.)	1110-36B
IL36A (IL-36 alpha), Human (158 a.a.)	1110-36A
IL36A (IL-36 alpha), Murine (153 a.a.)	1310-36B
IL36A (IL-36 alpha), Murine (160 a.a.)	1310-36A
IL36B (IL-36 beta), Human (153 a.a.)	1110-36D
IL36B (IL-36 beta), Human (157 a.a.)	1110-36C
IL36B (IL-36 beta), Murine (153 a.a.)	1310-36D
IL36B (IL-36 beta), Murine (183 a.a.)	1310-36C
IL36G (IL-36 gamma), Human (152 a.a.)	1110-36F
IL36G (IL-36 gamma), Human (169 a.a.)	1110-36E
IL36RN (IL-36RA), Human	1110-36G

Name	Cat#
IL36RN (IL-36RA), Murine	1310-36G
IL4, Human	1110-04
IL4, Murine	1310-04
IL4, Rat	1510-04
IL4, Rhesus macaque	1210-04
IL5, Human	1110-05
IL5, Murine	1310-05
IL5, Rat	1510-05
IL6, Human	1110-06
IL6, Murine	1310-06
IL6, Rat	1510-06
IL6, Rhesus macaque	1210-06
IL7, Human	1110-07
IL7, Murine	1310-07
IL7, Rat	1510-07
IL8, Canine	1410-08
IL8, Human (72 a.a.)	1110-08A
IL8, Human (77 a.a.)	1110-08B
IL8, Porcine	1810-08
IL8, Rhesus macaque	1210-08
IL9, Human	1110-09
IL9, Rat	1510-09
Illumination™ <i>Renilla</i> Luciferase Enhanced Assay Kit	I-925
Illumination™ Dura-Luc Lyophilized Firefly HTS Assay Kit	I-946
Illumination™ Firefly & <i>Renilla</i> Luciferase Enhanced Assay Kit	I-920
Illumination™ Firefly Luciferase Enhanced Assay Kit	I-930
Illumination™ Lyophilized Firefly Luciferase Enhanced Assay Kit	I-935
Imazapyr	I-205
Imidazole - 3M Recrystallized Solution, pH 6.0	I-901
Imidazole, Recrystallized	I-902
Iminodiacetic acid	I-800
Imipenem	I-600
Immobilized Ficin Agarose Resin	I-010

Name	Cat#
Immobilized Papain Agarose Resin	I-020
Immobilized Pepsin Agarose Resin	I-030
Immobilized Pepstatin Agarose Resin	I-040
Immobilized Trypsin Agarose Resin	I-050
Indole-2-Carboxylic Acid	I-240
Indole-2-carboxylic acid ethyl ester	I-300
Indole-3-acetyl-L- isoleucine	I-140
Indole-3-acetyl-L-valine	I-152
Indole-3-acryloylglycine	I-195
Indole-3-carbinol	I-185
Indole-3-Carboxylic acid	I-250
Indole-3-carboxylic acid methyl ester	I-320
Indole-3-propanol	I-380
Indole-3-propionamide	I-400
Indole-3-pyruvic acid	I-430
Indole-4-carboxaldehyde	I-200
Indole-4-carboxylic acid	I-290
Indole-5-carboxaldehyde	I-223
Indole-5-carboxylic acid ethyl ester	I-310
Indole-5-Carboxylic acid methyl ester	I-340
Indole-6-carboxaldehyde	I-230
Indole-6-carboxylic acid methyl ester	I-235
Indoxyl β-D-glucuronide cyclohexylammonium	I-480
Ingenol-3-mebutate	I-610
INT Dye (Iodonitrotetrazolium chloride)	I-531
IPA (Indole-3-propionic acid)	I-410
IPTG	I2481
IPTG EZ Pak™ for 1 M Solution	I2481-EZ
Irgasan (Triclosan)	I-660
Isocorydine	I-740
Isoniazid	I-450
Isopropyl-β-D-thioglucuronic acid, sodium salt	I-570
Isoxanthohumol	I-820
Itraconazole	I-670
Ixazomib Citrate	I-350

Name	Cat#
J-K	
JM109 Chemically Competent <i>E. coli</i> Cells	CC-114
Kanamycin Monosulfate 50 mg/mL Solution	K-120-SL
Kanamycin Monosulfate EZ Pak™ for 50 mg/mL Solution	K-120-EZ
Kanamycin Monosulfate, USP Grade	K-120
Kasugamycin HCl	K-200
Ketoconazole	K-500
Kinetin	K-100
KITLG (SCF), Canine	1420-01
KITLG (SCF), Human	1120-01
KITLG (SCF), Murine	1320-01
KITLG (SCF), Rat	1520-01
Kojic acid	K-730
Kuromanin chloride	D-720
L	
L-5-Hydroxytryptophan dihydrate	H-251
Lactitol	G-910
Lactobionic acid sodium salt monohydrate	L-115
L-Alanine 4-nitroanilide hydrochloride	A-200
L-Alanine 7-amido-4-methylcoumarin, trifluoroacetate salt	A-190
L-Albizziine	A-230
Lapis-3-Acetate	B-650
Lapis-Caprylate	B-660
Lapis-Phos PT	B-680
L-Arabinose	A-300
L-Arabitol	A-320
L-Arginine	A-030
L-Arginine 7-amido-4-methylcoumarin dihydrochloride	A-340
L-Aspartate sodium salt monohydrate	L-200
LBA4404 <i>Agrobacterium</i> Chemically Competent Cells	CC-107
LBA4404 <i>Agrobacterium</i> ElectroCompetent Cells	CC-220
L-Carnosine	C-110

Name	Cat#
Leupeptin Hemisulfate	L-010
Levofloxacin	L-110
L-Fucose	F-260
L-Glutamic acid gamma-(3-carboxy-4-nitroanilide) ammonium salt	G-380
L-Glutamic acid gamma-(7-amido-4-methylcoumarin)	G-147
L-Glutamic acid hydrochloride	L-800
L-Glutamic acid α-(7-amido-4-methylcoumarin)	G-144
L-Glutathione, Reduced	G-155
L-Gulono-gamma-lactone	G-830
L-Histidinol dihydrochloride	H-290
L-Homocysteine	H-116
LIF, Human	1130-07
LIF, Murine	1330-07
Lincomycin HCl, USP Grade	L-300
Lincomycin hydrochloride	L-301
L-Isoleucine ethyl ester hydrochloride	L-070
L-Lactic Acid	L-100
L-Lactic acid, lithium salt	L-195
L-Leucine 7-amido-4-methylcoumarin hydrochloride	L-120
L-Leucine beta-naphthylamide hydrochloride	L-370
L-Luciferin, potassium salt	L-127
L-Lysyl-L-alanine 7-amido-4-methylcoumarin dihydrochloride	L-990
L-Malic acid, disodium salt	M-100
L-Methionine	M-300
Low Melt Agarose	A-204
L-Pyroglutamic acid 7-amido-4-methylcoumarin	P-260
L-Pyroglutamic acid β-naphthylamide	P-850
L-Rhamnose monohydrate	R-105
L-Serine	S-015
L-Serine O-sulfate potassium salt	S-025
L-Sorbose	S-125
L-Threonine 7-amido-4-methylcoumarin	T-310

Name	Cat#
L-Tryptophan	T-115
L-Tryptophan 7-amido-4-methylcoumarin hydrochloride	T-117
L-Tyrosine 7-amido-4-methylcoumarin	T-139
Luminol, sodium salt	L-145
L-Valacyclovir HCl	V-550
L-Valine	L-090
L-Xylose	X-100
Lysozyme, Egg White	L-040
M	
Macerozyme R-10	M8002
Magenta phosphate disodium salt monohydrate	B-490
Magenta-Gal	B-378
Magenta-phos PT	B-510
Magenta-β-D-glucuronide cyclohexylammonium salt	B-400
Magnesium Sulfate Heptahydrate, ACS Grade	M-020
Male FPLC Connector	F-305
Mammalian Cell Lysis Buffer	GB-180
MANF, Human	1170-15
Marbofloxacin	M-810
MDK, Human	1170-18
MDK, Murine	1370-18
MDK, Rat	1570-18
Mebendazole	M-245
Meropenem	M-820
MES Free Acid Monohydrate, Ultra Pure	M-090
MES, Free Acid	M-095
MES, Sodium Salt	M-091
meso-Erythritol	E-050
Methicillin Sodium	M-830
Methotrexate Sodium Salt	M-980
Metronidazole	M-295
Mevastatin	M-255
Mezlocillin Sodium, USP Grade	M-850

Name	Cat#
Miconazole Nitrate	M-860
Micro Agar	M1002
Micronomicin Sulfate	M-870
Mildronate	M-230
Miltefosine	M-750
Minocycline HCl, USP Grade	M-890
MIP2, Virus	2910-02
Mitomycin C, USP Grade	M-900
Mitoxantrone HCl	M-910
Mix-n-Stain™ Biotin Antibody Labeling Kit	B-825
Mix-n-Stain™ CF® 350 Antibody Labeling Kit	CF-350
Mix-n-Stain™ CF®405L Antibody Labeling Kit	CF-405L
Mix-n-Stain™ CF®405M Antibody Labeling Kit	CF-405M
Mix-n-Stain™ CF®405S Antibody Labeling Kit	CF-405S
Mix-n-Stain™ CF®440 Antibody Labeling Kit	CF-440
Mix-n-Stain™ CF®488A Antibody Labeling Kit	CF-488A
Mix-n-Stain™ CF®514 Antibody Labeling Kit	CF-514
Mix-n-Stain™ CF®532 Antibody Labeling Kit	CF-532
Mix-n-Stain™ CF®543 Antibody Labeling Kit	CF-543
Mix-n-Stain™ CF®555 Antibody Labeling Kit	CF-555
Mix-n-Stain™ CF®568 Antibody Labeling Kit	CF-568
Mix-n-Stain™ CF®594 Antibody Labeling Kit	CF-594
Mix-n-Stain™ CF®633 Antibody Labeling Kit	CF-633
Mix-n-Stain™ CF®640R Antibody Labeling Kit	CF-640R
Mix-n-Stain™ CF®647 Antibody Labeling Kit	CF-647
Mix-n-Stain™ CF®660C Antibody Labeling Kit	CF-660C

Name	Cat#
Mix-n-Stain™ CF@660R Antibody Labeling Kit	CF-660R
Mix-n-Stain™ CF@680 Antibody Labeling Kit	CF-680
Mix-n-Stain™ CF@680R Antibody Labeling Kit	CF-680R
Mix-n-Stain™ CF@750 Antibody Labeling Kit	CF-750
Mix-n-Stain™ CF@770 Antibody Labeling Kit	CF-770
Mix-n-Stain™ CF@790 Antibody Labeling Kit	CF-790
Mix-n-Stain™ FITC Antibody Labeling Kit	F-825
Molybdc Acid Ammonium Salt Tetrahydrate, ACS Grade	M-780
Molybdc Acid Sodium Salt Dihydrate, ACS Grade	M-781
MOPS Free Acid, Ultra Pure	M-790
MOPS, Sodium Salt	M-791
MOPSO, Free Acid	M-795
MOPSO, Sodium Salt	M-799
Moxifloxacin HCl	M-940
MUG	MUG
Mupirocin Lithium Salt	M-950
Mycophenolic Acid (MPA)	M-140
Myo-Inositol	I-525
N	
N-(4-Aminobenzoyl)-L-glutamic acid	A-231
N-Acetyl-3,7-dihydroxyphenoxazine	N-379
N-Acetyl-3-hydroxyindole	A-125
N-Acetyl-D-galactosamine	A-117
N-Acetyl-DL-methionine	N-045
N-Acetyl-D-mannosamine	A-152
N-Acetylglycine	A-119
N-Acetyl-L-carnosine	A-100
N-Acetyl-L-cysteine	A-110
N-Acetylneuraminic acid	A-158
NAD (β-Nicotinamide Adenine Dinucleotide)	N-030

Name	Cat#
NADH (β-Nicotinamide Adenine Dinucleotide Reduced Sodium Salt)	N-035
NADP disodium salt	N-020
Nalidixic acid	N-015
Nalidixic acid sodium salt	N-010
N-alpha-Benzoyl-L-arginine ethyl ester hydrochloride	B-777
Naphthol AS-BI N-acetyl-beta-D-glucosaminide	N-225
Natamycin	N-600
n-Dodecyl-B-D-maltoside (DDM)	DDM
n-Dodecyl-beta-D-glucopyranoside	D-850
NDSB-201 (Non-detergent sulfobetaine)	N-201
Neomycin Sulfate, USP Grade	N-620
N-Ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline	E-315
Neutral red dye (content >90%)	N-130
N-gamma-Hydroxy-L-arginine, acetate salt	H-360
Nickel Agarose Beads (High Density)	H-320
Nickel Agarose Beads (Low Density)	H-321
Nickel HTC Agarose Beads	R-202
Nickel NTA Agarose Beads	H-350
Nickel NTA HTC Agarose Beads	H-355
Nickel NTA Magnetic Agarose Beads	H-351
Niclosamide ethanolamine salt	N-080
Nicotinamide (Vitamin B3), USP Grade	N-640
Nigericin Sodium Salt	N-650
Nisin	N-660
Nitrilotris(methylene) triphosphonic acid	N-060
Nitrofurantoin, USP Grade	N-690
Nitrotetrazolium blue chloride (NBT)	NBT
Nitrovin	B-460
N-Methyl-beta-alaninenitrile	N-040
N-Methyldeoxyojirimycin	M-291

Name	Cat#
N-Methylindoxyl-beta-D-galactopyranoside	M-480
N-Methyltaurine	N-065
Noggin, Human	1180-09
Noggin, Murine	1380-09
Norfloxacin	N-700
Nourseothricin Sulfate (Streptothricin Sulfate) (NTC or clonNAT)	N-500
NOV, Human	1150-01B9
NOV, Murine	1350-01B9
Novobiocin Sodium Salt	N-451
N-Phenyl-o-phenylenediamine	N-025
NPPB, Human	1170-09
NRG1-alpha, Human	1170-20
NRG1-beta1 (177-241 a.a.), Human	1170-10B
NRG1-beta2, Human	1170-10
NRN1, Human	1170-22
N-Succinyl-L-alanyl-L-alanyl-L-prolyl-L-phenylalanine 4-nitroanilide	S-950
NTF4, Human	1170-04
N-Tosyl-L-alanine 3-indoxyl ester	T-370
Nystatin	N-750
N- α -CBZ-L-Arginine 7-amido-4-methylcoumarin hydrochloride	C-111
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O-(2,3,4,6-Tetra-O-benzyl-alpha-D-gal)-(1-4)-O-(2,3,6-tri-O-benzyl-beta-D-gal)-(1-4)-2,3,6-tri-O-benzyl-alpha/beta-D-glc	A-455
Octylglucoside, Ultra Pure	O-110
Octylthioglucoiside	O-130
Ofloxacin	O-200
Orcinol monohydrate	O-310
Oxalacetic acid	O-140
Oxolinic Acid	O-300
Oxytetracycline	O-600
Oxytetracycline Dihydrate	O-400

Name	Cat#
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Paclitaxel	P-925
Palatinose	P-080
Paromomycin Sulfate, USP Grade	P-700
PBS (Phosphate Buffered Saline) Tablets	P-271
PDGFAA (dimer), Rat	1550-14
PDGFBB (dimer), Human	1150-10
Pectolyase Y-23	P8004
Pefloxacin Mesylate Dihydrate	P-710
Penicillin G Potassium Salt, USP Grade	P-303
Penicillin G Sodium Salt, USP Grade	P-304
Pepstatin A	P-020
Perylene	P-215
PF4 (CXCL4), Human	2110-04
PF4 (CXCL4), Murine	2310-04
Phenol Red	P-117
Phenolphthalein disulfate, tripotassium salt	P-240
Phenyl-alpha-D-glucopyranoside	P-465
Phenyl-beta-D-glucopyranoside	P-415
Phenylethyl- β -D-thiogalactopyranoside	P-125
Phenylmethylsulfonyl fluoride (PMSF)	P-470
Phenylpropionic acid	P-450
Phenyl- β -D-galactopyranoside	P-130
Phenyl- β -D-glucuronide	P-140
Phosphinothricin	P-165
Phosphoenolpyruvic acid cyclohexylammonium salt	P-170
Phosphoric ac, mono (4-nitrophenyl) ester	P-640
Phytic acid, dodecasodium salt	P-195
Phyto Agar	P1003
Picloram	P0914

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Piperacillin	P-730
Piperacillin Sodium	P-733
Piperonyl butoxide	P-950
PIPES, Free Acid	P-281
PIPES, Sodium Salt	P-280
Pirarubicin	P-530
Plant Agar	P1001
Plastic Columns	P-301
Plastic Mini Columns	P-307
Plastic Spin Columns	P-300
p-Nitrophenyl alpha-L-arabinopyranoside	N-730
p-Nitrophenylphosphorylcholine	N-050
PNPG (Gus)	N-325
Polyethylene Glycol (PEG) 3350	P-290
Polymyxin B Sulfate	P-740
Ponceau S Solution 1 mg/mL	P-330-SL
Potassium Iodide, ACS Grade	P-440
Povidone iodine	P-580
PPBP (CXCL7), Human	2110-07
PPBP (CXCL7), Rat	2510-07
Praziquantel	P-760
PRL, Murine	3310-10
PRL, Rat	3510-10
ProBlock™ Gold 2D Protease Inhibitor Cocktail (EDTA Free) [100X]	GB-109
ProBlock™ Gold Bacterial 2D Protease Inhibitor Cocktail [100X]	GB-376
ProBlock™ Gold Bacterial Protease Inhibitor Cocktail [100X]	GB-330
ProBlock™ Gold Extra Strength Protease Inhibitor Cocktail	GB-116
ProBlock™ Gold Mammalian Protease Inhibitor Cocktail [100X]	GB-331
ProBlock™ Gold Plant Protease Inhibitor Cocktail [100X]	GB-332
ProBlock™ Gold Protease Inhibitor Cocktail [100X]	GB-108

Name	Cat#
ProBlock™ Gold Yeast/Fungi Protease Inhibitor Cocktail [100X]	GB-333
ProBlock™ Protease Inhibitor Cocktail -100, EDTA free	GB-328
ProBlock™ Protease Inhibitor Cocktail -100, Plus EDTA	GB-336
ProBlock™ Protease Inhibitor Cocktail -50, EDTA free	GB-326
ProBlock™ Protease Inhibitor Cocktail -50, Plus EDTA	GB-334
Protein A Agarose Resin (Pharmaceutical grade for research)	P-400
Protein A Magnetic Agarose Beads	P-404
Protein G HTC Agarose Beads	P-430
Protein G Magnetic Agarose Beads	P-434
Protein L Magnetic Agarose Beads	P-454
Proteinase K Solution 20 mg/ml	P-480-SL
Proteinase K, RNase/DNase free	P-480
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PSPN, Murine	1370-23
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PTH (1-84), Human	3110-05
PTH (7-34), Human	3110-04
PTH (7-84), 15N, Human	3110-12N
PTH (7-84), Human	3110-12
PTH 1-84 (15N), Human	3110-05N
PTHLH, 15N, Human	3110-07N
PTHLH, Human	3110-07
PTN, Human	1170-21
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Putrescine dihydrochloride	P-250
Putrescine, free base	P-245
Pyrantel pamoate	P-560
Pyrazinamide	P-770
Q-R	
Quinine sulfate dihydrate	Q-500

Name	Cat#
rac-1-Lauroylglycerol	L-180
Rapamycin	R-101
Resazurin, sodium salt	R-110
Resorufin beta-D-cellobioside	R-070
Resorufin-beta-D-galactopyranoside	R-250
Resorufin-β-D- glucuronic acid sodium salt	R-100
Ribavirin	R-700
Ribonolactone	D-240
Ribostamycin Sulfate	R-400
Rifabutin	R-210
Rifampicin, Molecular Biology Grade	R-120
Rifamycin SV sodium	R-260
Rifapentine	R-230
Rifaximin	R-240
RNase A, >50 U/mg	R-050
Ropivacaine	Q-280
Roxithromycin	R-500
RR1 Chemically Competent <i>E. coli</i> Cells	CC-113
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SAA1, Rhesus Macaque	2250-01
S-Acetylthiocholine iodide	A-162
Safe-Soap (gentle glassware cleaner)	Q6471
Salinomycin	S-200
Salinomycin Sodium	S-210
Salmon Gal (6-Chloro-3-indoxyl-β-D-galactopyranoside)	C-255
Sarafloxacin HCl Trihydrate	S-300
S-Butyrylthiocholine iodide	B-820
Scalpel Handle	S3101
scyllo-Inositol	I-529
Semicarbazide HCl	R-121
SERPINF1, Human	1120-08
SHH, Human	6110-19
SHH, Murine	6310-19

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Simple Stop™ 1 Phosphatase Inhibitor Cocktail	GB-450
Simple Stop™ 2 Phosphatase Inhibitor Cocktail	GB-451
Simple Stop™ 3 Phosphatase Inhibitor Cocktail	GB-452
Sincalide	W-190
Sisomicin Sulfate	S-350
Sodium 3-hydroxybutyrate	H-120
Sodium D-glucuronate	G-140
Sodium Molybdate	S-920
Sodium Orthovanadate	S-930
Sodium polyanetholesulfonate	S-113
Sodium Pyruvate	S-117
Sodium Tartrate	S-940
Sodium taurocholate	S-121
Sodium taurodeoxycholate	S-660
Sodium thiocyanate	S-211
Soyasaponin Bb	S-090
Sparfloxacin	S-460
Spectinomycin Dihydrochloride Pentahydrate 100 mg/mL Solution	S-140-SL
Spectinomycin Dihydrochloride Pentahydrate EZ Pak™ for 100 mg/mL Solution	S-140-EZ
Spectinomycin Dihydrochloride Pentahydrate, USP Grade	S-140
Spermidine trihydrochloride	S-715
Spermine	S-730
Spermine tetrahydrochloride	S-740
Spiramycin	S-470
Staurosporine	S-305
Sterile Filtered DMSO	D-361
Streptavidin Agarose Resin	S-105
Streptomycin Sulfate	S-150
Streptomycin Sulfate 100 mg/mL Solution	S-150-SL
Streptomycin Sulfate EZ Pak™ for 100 mg/mL Solution	S-150-EZ

Name	Cat#
Streptozocin	S-480
Succinylsulfathiazole	S-325
Sulbactam	S-500
Sulbactam Sodium	S-501
Sulfadiazine	S-315
Sulfadoxine (Sulphadoxine)	S-550
Sulfamerazine sodium	S-600
Sulfamethazine	S-610
Sulfamonomethoxine	S-630
Sulfasalazine	S-360
Swainsonine	S-330
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Tamoxifen citrate	T-750
TAPS	T-780
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Tazobactam Sodium	T-201
TCEP HCl	TCEP
Teicoplanin	T-230
Terbinafine hydrochloride	T-265
Teriflunomide	T-560
TES	T-785
Tetracycline Hydrochloride	T-101
TG1 Phage Display Electrocompetent Cells	CC-205
Thiabendazole	T-225
Thiamphenicol	T-270
Thiazolyl Blue Tetrazolium Bromide (MTT)	T-030
Thiolutin	T-235
Thiostrepton	T-300
THPO, Murine	1320-06
threo-9,10-Dihydroxystearic acid	D-309
Thymidine	T-525
Thymol Blue Sodium Salt	T-480
Tiamulin Fumarate	T-320
Ticarcillin disodium salt	T-380

Name	Cat#
Tilmicosin	T-330
Timentin™ Ticarcillin/Clavulanate (15/1)	T-104
Timentin™ Ticarcillin/Clavulanate (15/1) 100 mg/mL Solution	T-104-SL
Timentin™ Ticarcillin/Clavulanate (15/1) EZ Pak™ for 100 mg/mL Solution	T-104-EZ
Tissue Cell Lysis Buffer	GB-181
TMB dihydrochloride	TMBHCL
TMB, free base	TMBF
TNF-α (His), Human	1130-01H
TNF-α (Variant), Human	1130-012
TNF-α, Human	1130-01
TNF-α, Murine	1330-01
Tobramycin Sulfate	T-341
trans-Aconitic acid	A-245
trans-Ferulic acid	F-220
trans-Stilbene	S-127
trans-Zeatin	Z-105
trans-Zeatin-riboside	Z-100
Trehalose	T-575
Tricine	T-870
Tridecyl beta-D-maltopyranoside	T-290
Trigonelline hydrochloride	T-660
Trimethoprim	T-350
Trimethoprim Lactate	T-351
Tripalmitoylglycerol	T-630
Tris (Tris Base)	T-400
Tris HCl	T-095
Tropine	T-700
Tropolone	T-500
TrueBlack™ Lipofuscin Autofluorescence Quencher	TB-250
Trypsin >2500 U/mg, USP Grade	T-160
Trypsin 1:250	T-161
Trypsin 1:300	T-162
Trypsin Inhibitor, Soybean, Purified >10,000 U	T-166

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TSLP, Human	1120-07
Tube Floater	T-999
Tylosin Tartrate	T-550
Tyramine HCl	T-120
Tyramine, free base	T-450

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Uric acid	U-105
Validamycin A	V-170
Valnemulin HCl	V-150
Valproate Sodium	V-341
Vancomycin Hydrochloride EZ Pak™ for 100 mg/mL Solution	V-200-EZ
Vancomycin Hydrochloride, USP Grade	V-200
VEGF120, Murine	1350-06
VEGF164, Murine	1350-07
VEGF164, Rat	1550-07
VersaLadder™, 100-10,000 bp	D012
Vinblastine Sulfate	V-700
Vincristine sulfate	V-500
WST-1	W-110
XCL1, Human	2120-01
X-Gal	X4281
X-gluc (CHX salt)	G1281
X-pal	B-470
X-sulfate K	B-520
XTT Sodium Salt	X-200
Xylenol blue	X-040
Xylitol	X-740
X-α-Gal	XA
X-α-L-fucopyranoside	B-360

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X-β-D-fucopyranoside	B-370
Yeast Lysis Buffer Kit plus Zymolyase	GB-178
Yeast Spheroplast Lysis Buffer	GB-179
YEM Media	Y-100
Y-β-D-GLC	I-470
Zymosan A (from <i>Saccharomyces cerevisiae</i>)	Z-120

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 1 kb PLUS DNA Ladder.....54
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 4-Methylumbelliferyl.....87
 4-Nitrophenyl Phosphate, Disodium Salt Hexahydrate.....75
 5-245 kDa Protein Ladder.....81
 5x Phosphate Buffer.....73
 6-BAP.....97, 98
 6-Benzylaminopurine.....97, 98
 6x Blue Loading Dye.....55
 6x GelRed Prestain Loading Buffer with Orange Tracking Dye.....55
 6x Green Loading Dye.....55
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