Informational

TD-P Revision 2.0

Creation Date: 6/24/2014
Revision Date: 2/15/2019

Chelating Agarose Beads (Bulk Resins)

Chemical Compatibility

STUDIES	REAGENTS	
CHEMICAL STABILITY	HCl 0.01M NaOH 0.1M Ethanol 20% Sodium acetate, pH 4.0	SDS 2% 2-propanol NaOH 1M HAc 70%
DENATURING AGENTS	Urea 8M	Guanidine-HCl 6M
DETERGENTS	Triton X-100 2% Tween 20 2%	Chaps 1%
ADDITIVES	Imidazole 2.0M Ethanol 20% + glycerol 50% Na_2SO_4 100mM NaCl 1.5M	EDTA 1mM EDTA 1mM + $MgCl_2$ 10mM Citrate 60mM Citrate 60mM + $MgCl_2$ 80mM
REDUCING AGENTS*	Reduced glutathione 10mM β-mercaptoethanol 20mM	DTE 5mM DTT 5mM
BUFFERS	Na_2HPO_4 50mM, pH 7.5 Tris-HCl 100mM, pH 7.5 MOPS 100mM, pH 7.5	Tris-acetate 100mM, pH 7.5 HEPES 100mM, pH 7.5

*** Note:** Under extended treatments with reducing agents, or in processes where high concentrations of these reagents are used, reduction of the metal ion may result – this will affect the binding capacity of the resin, so these agents should be avoided. The reagents described in the table are compatible with Nickel Activated Agarose Beads (Nickel is most commonly used) under the conditions and concentrations indicated in the table.

Gold Biotechnology
St. Louis, MO
Ph: (800) 248-7609
Web: www.goldbio.com
Email: contactgoldbio86@goldbio.com