

# Stock Solution



TD-S Revision 2.0

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## 15 mg/ml Luciferin Stock Solution for *In Vivo* Use (D-Luciferin & L-Luciferin)

### Instructions

1. For a 15 mg/ml solution, dissolve 1.0 grams of D-Luciferin\* into 66.6 ml DPBS without  $\text{Ca}^{2+}$  and  $\text{Mg}^{2+}$ .
2. Sterilize by filtering with a syringe filter.
3. Aliquot into tubes.
4. Freeze solution at  $-80^{\circ}\text{C}$  (Good for up to 1 year).
5. For intraperitoneal injection, thaw and use 100  $\mu\text{l}$  of the 15 mg/ml solution per 10 g body weight (10  $\mu\text{l}/\text{g}$ ).

**Note:** \*Applies to D-Luciferin Potassium Salt, D-Luciferin Sodium Salt and L-Luciferin Potassium Salt (GoldBio Catalog # [LUCK](#)<sup>®</sup>, # [LUCNA](#) or # [L-127](#)) for *in vivo* use.