

## Product Datasheet

### Hirudin - Refludan GRP13224

<b>Species/Host</b>	Chicken
<b>Predicted Reactivity</b>	Hirudo medicinalis
<b>Immunogen</b>	purified full length recombinant protein (Refludan®, Hoechst Marion Roussel Inc.)
<b>Form/Appearance</b>	Liquid in 0.9% NaCl, 0.1% sodium azide
<b>Storage</b>	Store at 4°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgY fraction
<b>MW</b>	7 kDa
<b>Dilution Range</b>	1 : 1000 (ELISA), 1 : 1000 (WB)
<b>Application Notes</b>	<p>Additional Information: Reactiv against purified hirudine; no reactivity against normal human plasma in ELISA. The IgY fraction is isolated by a two-step PEG precipitation. procedure followed by ammonium sulphate precipitation.</p> <p>Background: Hirudin (P01050) is a highly effective and very specific anticoagulant which specifically inhibits formation of fibrin and activation of factors V, VIII and XIII, by forming irreversible, noncovalent 1:1 complexes with alpha-thrombin. Hirudin is a 65 amino acid polypeptide, 7 kDa protein, naturally originating from the medical leech <i>Hirudo medicinalis</i>. It is a very potent thrombin inhibitor. Antibody binding to hirudin inhibits the interaction with alpha-thrombin.</p>