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# Product Datasheet

## Hirudin - Refludan
### GRP13224

| | |
|---|---|
| **Species/Host** | Chicken |
| **Predicted Reactivity** | Hirudo medicinalis |
| **Immunogen** | purified full length recombinant protein (Refludan®, Hoechst Marion Roussel Inc.) |
| **Form/Appearance** | Liquid in 0.9% NaCl, 0.1% sodium azide |
| **Storage** | 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. |
| **Note** | For research use only. |
| **Clonality** | Polyclonal |
| **Purity** | Total IgY fraction |
| **MW** | 7 kDa |
| **Dilution Range** | 1 : 1000 (ELISA), 1 : 1000 (WB) |
| **Application Notes** | 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. 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 Hirudo medicinalis. It is a very potent thrombin inhibitor. Antibody binding to hirudin inhibits the interaction with alpha-thrombin. |