



Recombinant *H. medicinalis* Hirudin (DAG3450)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Hirudin
Species	<i>H. medicinalis</i>
Purity	> 96% by SDS-PAGE and HPLC analyses.
Conjugate	Unconjugated
Format	Lyophilized from a sterile filtered solution in 20 mM PBS, pH 7.0 + 2% mannitol
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Hirudin is a naturally occurring peptide in the salivary glands of medicinal leeches (such as <i>Hirudo medicinalis</i>) that has a blood anticoagulant property. This is fundamental for the leeches' alimentary habit of hematophagy, since it keeps the blood flowing after the initial phlebotomy performed by the worm on the host's skin.
Keywords	Hirudin; Hirudin 1; Lepirudin; Refludan