

Coagulation Factor IX Human

Item Number	rAP-2616
Synonyms	Coagulation factor IX, EC 3.4.21.22, Christmas factor, Plasma thromboplastin component, PTC, F9, FIX, HEMB, MGC129641, MGC129642, GLA domain, Factor IX.
Description	Human Factor-IX produced from fresh frozen human plasma is a glycosylated polypeptide chain having a molecular mass of 56 kDa.
Uniprot Accession Number	
Amino Acid Sequence	
Source	Human Plasma.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Factor-IX although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Factor-IX should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The Factor-IX was lyophilized from a sterile solution containing 20mM Tris-HCl pH-7.4, 0.1M NaCl and 1mM Benzamidine. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized 100U Factor-IX in sterile 100µl of 18MΩ-cm H ₂ O, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity per mg was tested and found to be 306.5 PEU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**