



Factor IX

Catalog number

F0017-06

Supplier

United States Biological

Factor IX is one of the key factors for blood coagulation. It can be transformed into two-chained activated form (FactorIXa) by factors in both coagulation pathways: by Factor XIa of the contact pathway or by Factor VIIa of the tissue factor pathway. In the presence of Factor VII cofactor, Ca⁺⁺ and membrane phospholipids, Factor IXa activates Factor X. The activated Factor X (Factor Xa) triggers the transformation of prothrombin to thrombin, thus results in blood coagulation. Hemophilia B is a disease caused by Factor IX deficiency.

Applications

Suitable for use in ELISA. Other applications not tested.

Recommended Dilutions

Optimal dilutions to be determined by the researcher.

Storage and Stability

Lyophilized and reconstituted products are stable for 12 months after receipt at -20°C. Reconstitute with sterile ddH₂O. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Human Factor IX.

Formulation

Supplied as a lyophilized powder from PBS, pH 7.2. Reconstitute with 500ul sterile ddH₂O.

Purity

Purified by Protein G affinity chromatography.

Specificity

Recognizes human Factor IX.

Product Type

Mab

Source

human

Isotype

IgG1,k

Grade



Affinity Purified

Applications

E

Crossreactivity

Hu

Storage

-20°C