

Certificate of Analysis

Product:	Bovine Factor IXab
Catalog Number:	IBFIXab
Lot Number:	SAMPLE
Size:	0.5mg
Concentration:	1.86 mg/ml
Aliquots:	1 x 100.00 units
Volume/aliquot:	0.269 ml
Activity:	3096.00 PEU/mg
Total protein:	100.00 units
Buffer:	20 mM Tris-HCl/ 0.1 M NaCl/ pH 7.4
Storage:	< -60 °C
Expiration Date:	Varies

Description: Prepared from Bovine Factor IX by activation with Bovine Factor XIa, this Bovine Factor XIa is removed after activation. Complete activation is observed by SDS-PAGE. The Factor XIa activates FIX in a two-step reaction. In the first step, an internal Arg-Ala bond is cleaved, and in the second step, an Arg-Val bond is cleaved. The second cleavage leads to the liberation of an activation peptide from the NH₂-terminal portion of the heavy chain to produce factor IXa.

Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

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