

Anti-Human Factor VIII (Sheep) Whole IgG 10 mg



Ref#: SAF8C-IG
Lot#: xxxxxx
Exp. Date: xxxx-xx

Store at -10 to -20°C

For Research Use Only
Not for Use in Diagnostic Procedures
For *in vitro* use only

Immunogen:	Human Factor VIII (from human plasma)
Format:	Whole IgG from antisera in 10 mM HEPES, pH 7.4, 150 mM NaCl, 50% (v/v) glycerol
Host:	Sheep
Storage:	Store between -10 and -20°C. Vial should be tightly capped. Do not store in frost-free freezers. Allow product to warm to room temperature and gently mix before use
Total Protein:	10 mg
Applications:	Suitable as a source of antibodies For Research Use Only. Not for Use in Diagnostic Procedures. For <i>in vitro</i> use only
Volume:	1 vial containing 1.00 mL anti-human, whole IgG
Concentration:	10 mg/mL whole IgG by Absorbance; Extinction Coefficient $E_{280}^{1\%} = 13.4$
Specificity:	Specificity demonstrated by immunoelectrophoresis and ELISA methods. No reactivity with vWF
Neutralizing Activity:	Not Determined

Coagulation Factor VIII (FVIII) is a 320 kDa glycoprotein synthesized in the liver. Factor VIII is stabilized by von Willebrand Factor (vWF). Thrombin-activated FVIII dissociates from vWF and combines with FIXa, calcium and phospholipids a cofactor in the assembly of the FX activator complex. The normal Factor VIII concentration in human plasma is about 200 ng/mL.