

# Anti-Human Factor VIII (Sheep) Affinity-Purified IgG, 0.50 mg



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

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

|                       |   |
|-----------------------|---|
| <b>Immunogen:</b>     | Human Factor VIII (from human plasma)   |
| <b>Format:</b>        | Affinity Purified IgG in 10 mM HEPES, pH 7.3, 150 mM NaCl, 50% (v/v) glycerol   |
| <b>Host:</b>          | Sheep   |
| <b>Storage:</b>       | 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. |
| <b>Total Protein:</b> | 0.50 mg   |
| <b>Applications:</b>  | Suitable as a source of enriched antibodies.<br>For Research Use Only. Not for Use in Diagnostic Procedures. For <i>in vitro</i> use only                             |
| <b>Volume:</b>        | 1 vial containing 0.250 mL anti-human, affinity purified IgG  |
| <b>Concentration:</b> | 2.00 mg/mL affinity purified IgG by Absorbance; Extinction Coefficient $E^{1\%}_{280} = 13.4$   |
| <b>Specificity:</b>   | Specificity demonstrated by immunoelectrophoresis and ELISA methods   |

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.