

Anti-Human Factor V (Sheep) Affinity-Purified IgG 0.50 mg



Ref#: SAF5-AP
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 V (from human plasma)			
Format:	Affinity Purified IgG 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:	0.50 mg			
Applications:	Suitable as a source of enriched antibodies For Research Use Only. Not for Use in Diagnostic Procedures. For <i>in vitro</i> use only			
Volume:	1 vial containing 0.250 mL anti-human, affinity purified IgG			
Concentration:	2 mg/mL affinity purified IgG by Absorbance; Extinction Coefficient $E^{1\%}_{280} = 13.4$			
Specificity:	Specificity demonstrated by immunoelectrophoresis and ELISA methods			
Neutralizing Activity:	Not Determined			
Species Cross Reactivity:	Dog:	ND	Human: ND	Mouse: ND
	Pig:	ND	Rabbit: ND	Rat: ND

Coagulation Factor V (FV) is a 320 kDa glycoprotein synthesized in the liver. Factor V is activated through limited proteolysis by thrombin or by factor Xa in the presence of phospholipids. Factor V may also be activated to factor Va by plasmin, neutrophil elastase or platelet calpain. The activated FV is an essential cofactor of the prothrombin activator complex, which consists of factor Va, factor Xa, calcium and anionic phospholipid surface. The normal FV concentration in human plasma is about 10 µg/mL.