



Anti-Human Prothrombin Fragment-2 (Sheep) Affinity-Purified IgG

Immunogen:	Human Prothrombin (from human plasma)		
Format:	Affinity Purified IgG in 10 mM HEPES, pH 7.4, 150 mM NaCl, 50% (v/v) glycerol		
Host:	Sheep		
Ref#:	SAF2-F2AP		
Lot#:	SAMPLE		
Exp Date:			
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 Factor II, fragment-2 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
	Pig:	ND	Rabbit: ND
			Mouse: ND
			Rat: ND

Human Prothrombin, also known as coagulation factor II, is a 72 kDa glycoprotein synthesized in the liver and composed of a single polypeptide chain. Prothrombin is the zymogen form of Thrombin. Prothrombin is cleaved to produce thrombin by the membrane-bound prothrombinase complex (activated Factor X, activated Factor V and Calcium), the concentration in human plasma is about 100 µg/ml (1.4 µM).