Monkey Vitamin K-dependent protein S(PROS1) ELISA kit

Product Code	CSB-EL018754RH
Abbreviation	PROS1
Protein Biological Process 1	Blood Coagulation
Target Name	protein S (alpha)
Uniprot No.	Q28520
Alias	PROS, PS21, PS22, PS23, PS24, PS25, PSA, protein S, alpha|protein Sa|vitamin K-dependent plasma protein S
Product Type	ELISA Kit
Immunogen Species	Monkey
Protein Biological Process 3	Blood coagulation
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 ng/mL-1000 ng/mL
Sensitivity	3.9 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cardiovascular
Gene Names	PROS1
Tag Info	quantitative
Protein Description	Competitive
Description	This Monkey PROS1 ELISA Kit was designed for the quantitative measurement of Monkey PROS1 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 15.6 ng/mL-1000 ng/mL and the sensitivity is 3.9 ng/mL.
Target Details	This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in

this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3.

Product Precision

Intra-assay Precision (Precision within an assay): CV%<8%

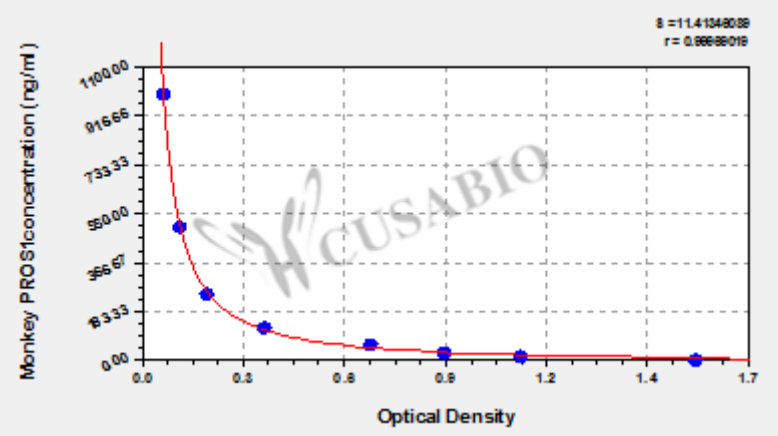
Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average
1000	0.064	0.068	0.066
500	0.111	0.114	0.113
250	0.198	0.188	0.193
125	0.346	0.365	0.356
62.5	0.658	0.653	0.656
31.2	0.863	0.875	0.869
15.6	1.044	1.128	1.086
0	1.566	1.603	1.585