

Human Vitamin K-dependent protein S ELISA Kit | PROS1 elisa kit

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CATALOG #
AAA310160

REACTIVITY
Human

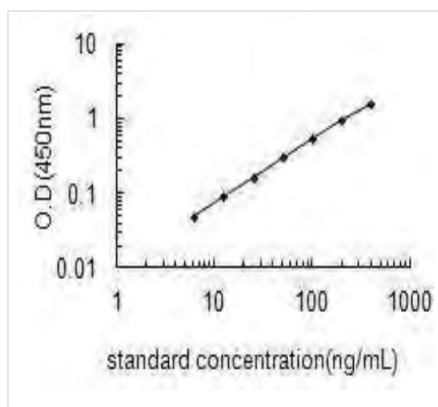
PRODUCT SYNONYMS

Vitamin K-dependent protein S; Human Vitamin K-dependent protein S ELISA Kit; PROS1; PROS; PROS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Vitamin K- dependent protein S. No significant crossreactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	6.25 ng/ml -400 ng/ml
Sensitivity	< 1.56 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROS1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Vitamin K-dependent protein S. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Vitamin K-dependent protein S and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Vitamin K-dependent protein S, biotin-conjugated antibody and enzymeconjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Vitamin K-dependent protein S in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Vitamin K-dependent protein S concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192447438
NCBI GeneID	5627
NCBI Accession #	NP_000304.2
NCBI GenBank Nucleotide #	NM_000313.3
UniProt Accession #	P07225; Q15518; Q7Z715; Q9UCZ8; A8KAC9; D3DN28
Molecular Weight	75,123 Da
NCBI Official Full Name	vitamin K-dependent protein S isoform 2 preproprotein
NCBI Official Synonym Full Names	protein S (alpha)
NCBI Official Symbol	PROS1
NCBI Official Synonym Symbols	PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6
NCBI Protein Information	vitamin K-dependent protein S
UniProt Protein Name	Vitamin K-dependent protein S
UniProt Gene Name	PROS1
UniProt Synonym Gene Names	PROS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pros1-human-elisa-kits/vitamin-k-dependent-protein-s/310160>