

Monkey protein S (alpha) ELISA Kit | PROS1 elisa kit

Monkey Vitamin K-dependent protein S, PROS1 ELISA Kit

CATALOG #
AAA112972

REACTIVITY
Monkey

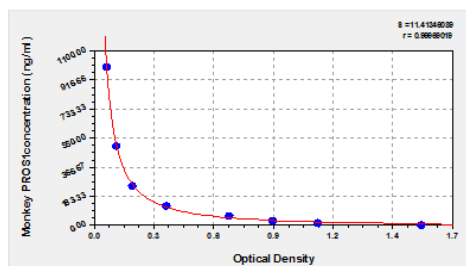
PRODUCT SYNONYMS

protein S (alpha); Monkey Vitamin K-dependent protein S; PROS1 ELISA Kit; Monkey Vitamin K-dependent protein S (PROS1) ELISA kit; PROS; PS21; PS22; PS23; PS24; PS25; PSA; protein S; alpha; protein Sa; vitamin K-dependent plasma protein S; PROS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of monkey PROS1. No significant cross-reactivity or interference between monkey PROS1 and analogues was observed.
Sequence Length	632
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	15.6 ng/ml -1000 ng/ml.
Sensitivity	The minimum detectable dose of monkey PROS1 is typically less than 3.9 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest monkey PROS1 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PROS1 elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with PROS1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for PROS1. The competitive inhibition reaction is launched between with pre-coated PROS1 and PROS1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of PROS1 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113461945
NCBI GeneID	694845
NCBI Accession #	NP_001038191.1
NCBI GenBank Nucleotide #	NM_001044726.1
UniProt Accession #	Q28520
Molecular Weight	72,402 Da
NCBI Official Full Name	vitamin K-dependent protein S
NCBI Official Symbol	PROS1
NCBI Protein Information	vitamin K-dependent protein S; vitamin K-dependent protein S preproprotein
UniProt Protein Name	Vitamin K-dependent protein S
UniProt Gene Name	PROS1
UniProt Synonym Gene Names	PROS
UniProt Entry Name	PROS_MACMU

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-monkey-elisa-kits/protein-s-alpha/112972>