

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

Mouse Vitamin K-dependent protein S, PROS1 ELISA Kit

CATALOG #
AAA18061

REACTIVITY
Mouse

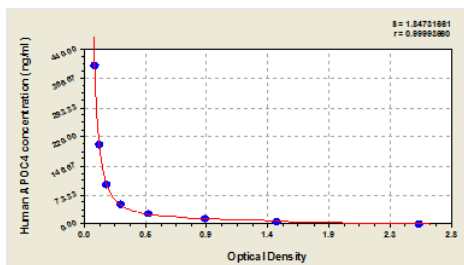
PRODUCT SYNONYMS

protein S (alpha); Mouse Vitamin K-dependent protein S; PROS1 ELISA Kit; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PROS1. No significant cross-reactivity or interference between mouse PROS1 and analogues was observed.
Sequence Length	675
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates.
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	< 1.56 ng/ml
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 samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46309455
NCBI GeneID	19128
NCBI Accession #	NP_035303.1
NCBI GenBank Nucleotide #	NM_011173.2
UniProt Accession #	Q08761; P43483
Molecular Weight	74,934 Da
NCBI Official Full Name	vitamin K-dependent protein S
NCBI Official Synonym Full Names	protein S (alpha)
NCBI Official Symbol	Pros1
NCBI Official Synonym Symbols	AW214361
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
UniProt Entry Name	PROS_MOUSE

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-mouse-elisa-kits/protein-s-alpha/18061>