

Mouse Protease, Serine 1 ELISA Kit | PRSS1 elisa kit

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CATALOG #
AAA86749

REACTIVITY
Mouse

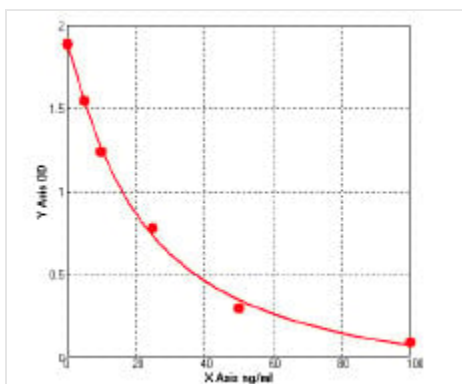
PRODUCT SYNONYMS

Protease; Serine 1; Mouse Protease; Serine 1 ELISA Kit; PRSS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Sandwich
Sensitivity	1.0pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS1 elisa kit

Intended Uses: This SP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SP. This ELISA kit for research use only!

Principle of the Assay: SP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SP. Standards or samples are then added to the microtiter plate wells and SP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SP are added to each well to "sandwich" the SP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74355190
NCBI GeneID	5644
Molecular Weight	26,558 Da
NCBI Official Full Name	PRSS1 protein
NCBI Official Synonym Full Names	protease, serine, 1 (trypsin 1)
NCBI Official Symbol	PRSS1
NCBI Official Synonym Symbols	TRP1; TRY1; TRY4; TRYP1
NCBI Protein Information	trypsin-1; beta-trypsin; trypsinogen 1; trypsinogen A; digestive zymogen; cationic trypsinogen; nonfunctional trypsin 1
UniProt Protein Name	Trypsin-1
UniProt Gene Name	PRSS1
UniProt Synonym Gene Names	TRP1; TRY1; TRYP1
UniProt Entry Name	TRY1_HUMAN

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/prss1-mouse-elisa-kits/protease-serine-1/86749>