

Mouse Prss8 (Prostasin) ELISA Kit | Prss8 elisa kit

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CATALOG #
AAA250799

REACTIVITY
Mouse

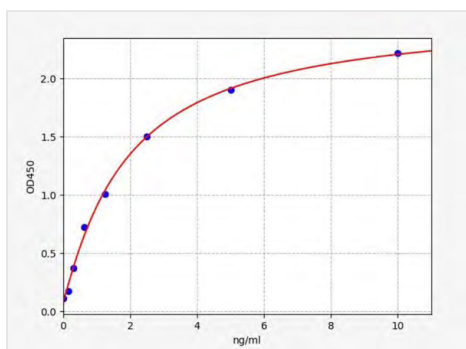
PRODUCT SYNONYMS

Prss8 (Prostasin); Mouse Prss8 (Prostasin) ELISA Kit; Prostasin; Prss8; Prss8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize Prss8, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Prss8 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Prss8 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti Prss8 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Prss8 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Prss8 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13633203
NCBI GeneID	76560
UniProt Accession #	Q9ESD1
Molecular Weight	36,729 Da
NCBI Official Full Name	Prostasin
NCBI Official Synonym Full Names	protease, serine 8 (prostasin)
NCBI Official Symbol	Prss8
NCBI Official Synonym Symbols	fr; CAP1; mCAP1; C79772; AI313909; 2410039E18Rik
NCBI Protein Information	prostasin; serine protease 8; channel activating protease 1; channel-activating protease 1; protease, serine, 8 (prostasin)
UniProt Protein Name	Prostasin
UniProt Gene Name	Prss8
UniProt Synonym Gene Names	Cap1; CAP1
UniProt Entry Name	PRSS8_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.