

Human Protease, Serine 33 (PRSS33) ELISA Kit | PRSS33 elisa kit

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CATALOG #
AAA64407

REACTIVITY
Human

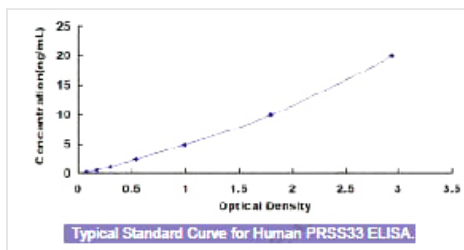
PRODUCT SYNONYMS

Protease; Serine 33 (PRSS33); Human Protease; Serine 33 (PRSS33) ELISA Kit; HSMT3; Sentrin-2; Small ubiquitin-related modifier 2; SMT3 homolog 2; Smt3A; SMT3A; SMT3H2; SUMO-2; SUMO-3; Ubiquitin-like protein SMT3A; PRSS33 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRSS33. No significant cross-reactivity or interference between PRSS33 and analogues was observed.
Sequence Length	280
Samples	Serum, plasma, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.121ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRSS33 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PRSS33 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS33 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PRSS33 in human serum, plasma, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRSS33. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRSS33. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PRSS33, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PRSS33 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117956391
NCBI GeneID	260429
NCBI Accession #	NP_690851.2
NCBI GenBank Nucleotide #	NM_152891.2
UniProt Accession #	Q8NF86; Q8N171; A6NNQ3
Molecular Weight	29,787 Da
NCBI Official Full Name	serine protease 33
NCBI Official Synonym Full Names	protease, serine 33
NCBI Official Symbol	PRSS33
NCBI Official Synonym Symbols	EOS
NCBI Protein Information	serine protease 33
UniProt Protein Name	Serine protease 33
UniProt Gene Name	PRSS33

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/human-elisa-kits/protease-serine-33-prss33/64407>