

Human Protease, Serine 2 (PRSS2) ELISA Kit | PRSS2 elisa kit

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CATALOG #
AAA139481

REACTIVITY
Human

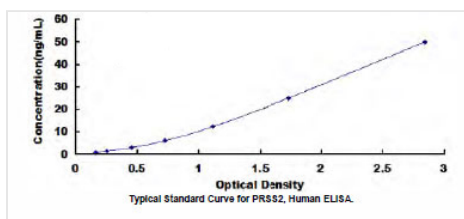
PRODUCT SYNONYMS

Protease; Serine 2 (PRSS2); Human Protease; Serine 2 (PRSS2) ELISA Kit; TRY2; Trypsin 2; Serine Endopeptidases; Anionic trypsinogen; PRSS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRSS2. No significant cross-reactivity or interference between PRSS2 and analogues was observed.
Sequence Length	247
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.29ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRSS2 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 PRSS2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS2 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PRSS2 in human serum, plasma and other biological fluids.

Product Categories/Family for PRSS2 elisa kit

Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	119572308
NCBI GeneID	5645
UniProt Accession #	P07478
Molecular Weight	26,488 Da
NCBI Official Full Name	protease, serine, 2 (trypsin 2), isoform CRA_b
NCBI Official Synonym Full Names	protease, serine, 2 (trypsin 2)
NCBI Official Symbol	PRSS2
NCBI Official Synonym Symbols	TRY2; TRY8; TRYP2
NCBI Protein Information	trypsin-2
UniProt Protein Name	Trypsin-2
UniProt Gene Name	PRSS2
UniProt Synonym Gene Names	TRY2; TRYP2
UniProt Entry Name	TRY2_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/human-elisa-kits/protease-serine-2-prss2/139481>