

Human PRSS12 ELISA Kit | PRSS12 elisa kit

Human PRSS12 (Protease, Serine 12) ELISA Kit

CATALOG #
AAA164065

REACTIVITY
Human

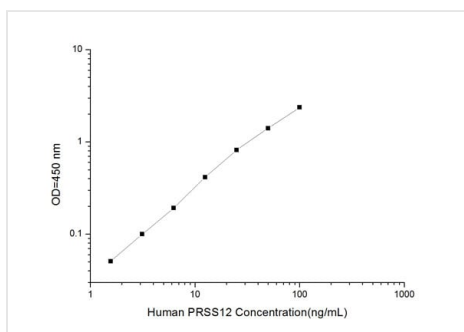
PRODUCT SYNONYMS

PRSS12; Human PRSS12 (Protease; Serine 12) ELISA Kit; PRSS12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PRSS12 in samples. No significant cross-reactivity or interference between Human PRSS12 and analogues was observed.
Sequence Length	505
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PRSS12 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PRSS12 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS12 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PRSS12. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PRSS12 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PRSS12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human PRSS12. You can calculate the concentration of Human PRSS12 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PRSS12 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14043559
NCBI GeneID	8492
UniProt Accession #	P56730; Q9UP16
Molecular Weight	97,067 Da
NCBI Official Full Name	PRSS12 protein
NCBI Official Synonym Full Names	protease, serine, 12 (neurotrypsin, motopsin)
NCBI Official Symbol	PRSS12
NCBI Official Synonym Symbols	MRT1; BSSP3; BSSP-3
NCBI Protein Information	neurotrypsin; brain-specific serine protease 3; leydin
UniProt Protein Name	Neurotrypsin
UniProt Gene Name	PRSS12
UniProt Entry Name	NETR_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/prss12/164065>