

Human Trypsin-3 (PRSS3) ELISA Kit | PRSS3 elisa kit

Human Trypsin-3, PRSS3 ELISA Kit

CATALOG #
AAA15884

REACTIVITY
Human

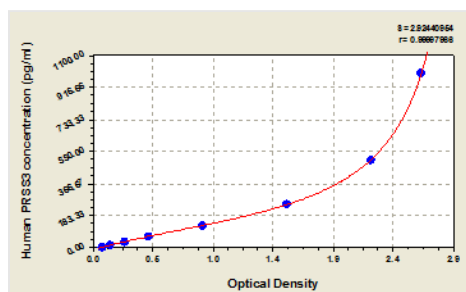
PRODUCT SYNONYMS

Trypsin-3 (PRSS3); Human Trypsin-3; PRSS3 ELISA Kit; Human Trypsin-3 (PRSS3) ELISA kit; Brain trypsinogen Mesotrypsinogen Serine protease 3 Serine protease 4 Trypsin III Trypsin IV PRSS4; TRY3; TRY4; PRSS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PRSS3. No significant cross-reactivity or interference between human PRSS3 and analogues was observed.
Sequence Length	261
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml.
Sensitivity	Typically less than 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PRSS3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRSS3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRSS3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRSS3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342672030
NCBI GeneID	5646
NCBI Accession #	NP_001184026.2
NCBI GenBank Nucleotide #	NM_001197097.2
UniProt Accession #	P35030; P15951; Q15665; Q5VXV0; Q6ISJ4; Q9UQV3; A8CED1; A8CED3; A9Z1Y4; E7ES07; F8W7P3
Molecular Weight	32,529 Da
NCBI Official Full Name	trypsin-3 isoform 3 preproprotein
NCBI Official Synonym Full Names	protease, serine, 3
NCBI Official Symbol	PRSS3
NCBI Official Synonym Symbols	T9; MTG; TRY3; TRY4; PRSS4
NCBI Protein Information	trypsin-3; trypsin IV; mesotrypsin; trypsin III; trypsinogen 4; trypsinogen 5; trypsinogen IV; mesotrypsinogen; brain trypsinogen; pancreatic trypsinogen III; protease, serine, 4 (trypsin 4, brain)
UniProt Protein Name	Trypsin-3
UniProt Gene Name	PRSS3
UniProt Synonym Gene Names	PRSS4; TRY3; TRY4
UniProt Entry Name	TRY3_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/trypsin-3-prss3/15884>