

Human protease, serine, 7 (enterokinase) ELISA Kit | PRSS7 elisa kit

Human Enteropeptidase, PRSS7 ELISA Kit

CATALOG #
AAA18171

REACTIVITY
Human

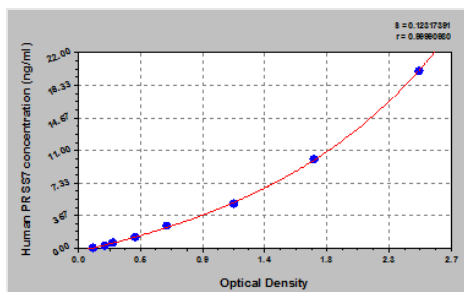
PRODUCT SYNONYMS

protease; serine; 7 (enterokinase); Human Enteropeptidase; PRSS7 ELISA Kit; Human Enteropeptidase (PRSS7) ELISA kit; ENTK; MGC133046; enterokinase; enteropeptidase; PRSS7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PRSS7. No significant cross-reactivity or interference between human PRSS7 and analogues was observed.
Sequence Length	1019
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/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 PRSS7 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PRSS7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRSS7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRSS7 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 PRSS7 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 #	223942069
NCBI GeneID	5651
NCBI Accession #	NP_002763.2
NCBI GenBank Nucleotide #	NM_002772.2
UniProt Accession #	P98073; Q2NKL7
Molecular Weight	112,935 Da
NCBI Official Full Name	enteropeptidase
NCBI Official Synonym Full Names	transmembrane protease, serine 15
NCBI Official Symbol	TMPRSS15
NCBI Official Synonym Symbols	ENTK; PRSS7
NCBI Protein Information	enteropeptidase; serine protease 7; enterokinase catalytic subunit; protease, serine, 7 (enterokinase)
UniProt Protein Name	Enteropeptidase
UniProt Gene Name	TMPRSS15
UniProt Synonym Gene Names	ENTK; PRSS7
UniProt Entry Name	ENTK_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://www.aaabiotech.com/prss7-human-elisa-kits/protease-serine-7-enterokinase/18171>