

Mouse Enteropeptidase ELISA Kit | Tmprss15 elisa kit

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CATALOG #
AAA56177

REACTIVITY
Mouse

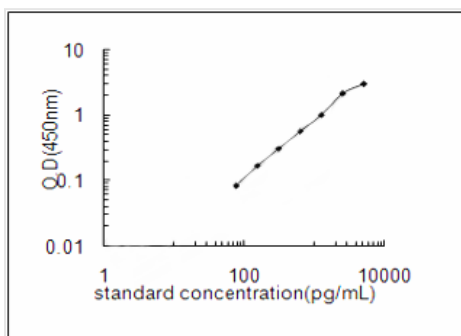
PRODUCT SYNONYMS

Enteropeptidase; Mouse Enteropeptidase ELISA Kit; Tmprss15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Enteropeptidase. No significant cross-reactivity or interference was observed.
Sequence Length	1019
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	40 pg/mL
Intra-Assay CV	<=7.2%
Inter-Assay CV	<=9.5%
Recovery	84%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tmprss15 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Enteropeptidase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Enteropeptidase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Enteropeptidase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Enteropeptidase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679489
NCBI GeneID	19146
NCBI Accession #	NP_032967.1
NCBI GenBank Nucleotide #	NM_008941.3
UniProt Accession #	P97435; Q148Y3
Molecular Weight	118,735 Da
NCBI Official Full Name	enteropeptidase isoform 1
NCBI Official Synonym Full Names	transmembrane protease, serine 15
NCBI Official Symbol	Tmprss15
NCBI Official Synonym Symbols	Entk; Prss7
NCBI Protein Information	enteropeptidase
UniProt Protein Name	Enteropeptidase
UniProt Gene Name	Tmprss15
UniProt Synonym Gene Names	Entk; Prss7
UniProt Entry Name	ENTK_MOUSE

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/tmpRSS15-mouse-elisa-kits/enteropeptidase/56177>