

Mouse Tryptase Beta 2 (TPSb2) ELISA Kit | TPSb2 elisa kit

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CATALOG #
AAA68732

REACTIVITY
Mouse

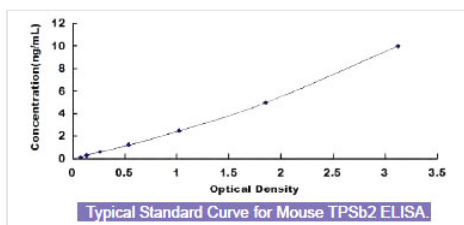
PRODUCT SYNONYMS

Tryptase Beta 2 (TPSb2); Mouse Tryptase Beta 2 (TPSb2) ELISA Kit; TPS2; Tryptase Beta II; Tryptase Beta III; TPSb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TPSb2. No significant cross-reactivity or interference between TPSb2 and analogues was observed.
Sequence Length	276
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.054ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TPSb2 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 TPSb2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPSb2 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TPSb2 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TPSb2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TPSb2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TPSb2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TPSb2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126839
NCBI GeneID	17229
UniProt Accession #	P21845; Q61962
Molecular Weight	25,829 Da
NCBI Official Full Name	Tryptase beta-2
NCBI Official Synonym Full Names	tryptase beta 2
NCBI Official Symbol	Tpsb2
NCBI Official Synonym Symbols	Mcp6; Mcp-6; Mcpt6; MMCP-6; AV011504
NCBI Protein Information	tryptase beta-2
UniProt Protein Name	Tryptase beta-2
UniProt Gene Name	Tpsb2
UniProt Synonym Gene Names	Mcpt6; Tryptase-2; mMCP-6

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/mouse-elisa-kits/tryptase-beta-2-tpsb2/68732>