

Mouse TPS (Tryptase) ELISA Kit | TPS elisa kit

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CATALOG #
AAA278343

REACTIVITY
Mouse

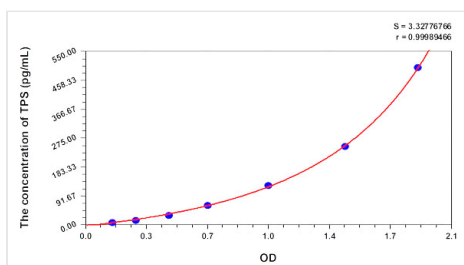
PRODUCT SYNONYMS

TPS (Tryptase); Mouse TPS (Tryptase) ELISA Kit; TPSAB1; Tryptase Alpha/Beta 1; Tryptase Alpha II; Tryptase Beta I; Tryptase-I; Tryptase-II; Tryptase-III; TPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.098ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPS elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse TPS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TPS. 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 Mouse TPS, 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 Mouse TPS in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TPS elisa kit

[Enzyme & Kinase](#); [Infection immunity](#); [Rheumatology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	294979152
NCBI GeneID	100503895

NCBI Accession #	NP_112464.4
NCBI GenBank Nucleotide #	NM_031187.4
UniProt Accession #	Q02844
Molecular Weight	30,337 Da
NCBI Official Full Name	tryptase
NCBI Official Synonym Full Names	tryptase alpha/beta 1
NCBI Official Symbol	Tpsab1
NCBI Official Synonym Symbols	Mcp7; Mcp-7; Mcpt7; MMCP-7
NCBI Protein Information	tryptase; mast cell protease 7; tryptase alpha/beta-1; mast cell-restricted serine protease 7
UniProt Protein Name	Tryptase
UniProt Gene Name	Tpsab1
UniProt Synonym Gene Names	Mcpt7; mMCP-7
UniProt Entry Name	TRYB1_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://www.aaabiotech.com/mouse-elisa-kits/tps-tryptase/278343>