

Mouse Tryptase alpha/beta-1 ELISA Kit | TPSAB1 elisa kit

Mouse Tryptase alpha/beta-1 (TPSAB1) ELISA Kit

CATALOG # AAA55839	REACTIVITY Mouse
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PRODUCT SYNONYMS

Tryptase alpha/beta-1; Mouse Tryptase alpha/beta-1 (TPSAB1) ELISA Kit; TPS1; TPS2; TPSB1; mast cell alpha II tryptase|mast cell beta I tryptase|tryptase alpha II|tryptase beta 1|tryptase beta I|tryptase-I|tryptase-III; TPSAB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TPSAB1. No significant cross-reactivity or interference between Mouse TPSAB1 and analogues was observed.
Sequence Length	275
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TPSAB1 elisa kit	Intended Uses: For the quantitative detection of Mouse Tryptase alpha/beta-1 (TPSAB1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TPSAB1 in Mouse serum, plasma. An antibody specific for TPSAB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPSAB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPSAB1 is added to the wells. After washing, Streptavidin 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 TPSAB1 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 #	294979152
NCBI GeneID	100503895
NCBI Accession #	NP_112464.4
NCBI GenBank Nucleotide #	NM_031187.4

UniProt Accession #	Q02844
Molecular Weight	4,896 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
UniProt Protein Name	Tryptase
UniProt Gene Name	Tpsab1
UniProt Synonym Gene Names	Mcpt7; mMCP-7

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/tpsab1-mouse-elisa-kits/tryptase-alpha-beta-1/55839>