

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

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CATALOG #
AAA332077

REACTIVITY
Mouse

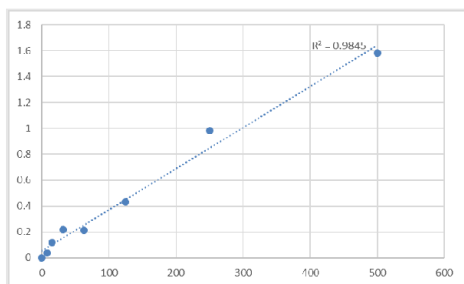
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tryptase alpha/beta-1 (TPSAB1) ELISA Kit 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	273
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tryptase alpha/beta-1 (TPSAB1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TPSAB1 elisa kit	Description: This Mouse Tryptase alpha/beta-1 (TPSAB1) ELISA Kit employs a two-site sandwich ELISA to quantitate TPSAB1 in samples. 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. Background: SLC16A1 mediates the movement of lactate and pyruvate across cell membranes Import and export of these substrates by tissues such as erythrocytes, muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT. The corresponding cDNA was isolated by an expression cloning strategy and found to encode a protein with 12 putative membrane-spanning regions. The cloned mutant 'mevalonate transporter' differed from its wildtype progenitor by 1 amino acid in the tenth membrane-spanning region, which changed a phenylalanine (wildtype) to a cysteine (mutant). The finding that the wildtype cDNA did not elicit increased mevalonate transport in transfected cells suggested that the wildtype protein is a transporter for a molecule other than mevalonate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	294979152
NCBI GeneID	100503895
NCBI Accession #	NP_112464.4
NCBI GenBank Nucleotide #	NP_112464.4
UniProt Accession #	Q02844
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
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.