

Rat Tpsb2 (Tryptase beta-2) ELISA Kit | Tpsb2 elisa kit

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CATALOG #
AAA250174

REACTIVITY
Rat

PRODUCT SYNONYMS

Tpsb2 (Tryptase beta-2); Rat Tpsb2 (Tryptase beta-2) ELISA kit; Tryptase beta-2; Tryptase-2; Mast cell protease 6; rMCP-6; Tpsb2; Mcp6; Mcpt6; Tpsb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Tpsb2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374767
NCBI GeneID	29268
NCBI Accession #	NP_062053.2
NCBI GenBank Nucleotide #	NM_019180.2
UniProt Accession #	P50343 ; P97593
Molecular Weight	30,508 Da
NCBI Official Full Name	tryptase beta-2
NCBI Official Synonym Full Names	tryptase beta 2

NCBI Official Symbol	Tpsb2
NCBI Official Synonym Symbols	Mcpt6
NCBI Protein Information	tryptase beta-2; rMCP-6; tryptase-2; mast cell protease 6
UniProt Protein Name	Tryptase beta-2
UniProt Gene Name	Tpsb2
UniProt Synonym Gene Names	Mcp6; Mcpt6; Tryptase-2; rMCP-6
UniProt Entry Name	TRYB2_RAT

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/rat-elisa-kits/tpsb2-tryptase-beta-2/250174>