

Human tryptase beta 2 ELISA Kit | TPSB2 elisa kit

Human Tryptase beta-2, TPSB2 ELISA Kit

CATALOG #
AAA112657

REACTIVITY
Human

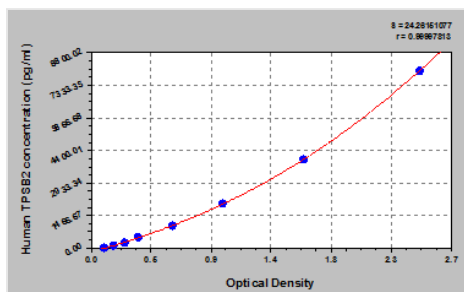
PRODUCT SYNONYMS

tryptase beta 2; Human Tryptase beta-2; TPSB2 ELISA Kit; Human Tryptase beta-2 (TPSB2) ELISA kit; TPS2; tryptaseB; tryptaseC; OTTHUMP00000208944; mast cell tryptase beta II; mast cell tryptase beta III; tryptase II; tryptase III; tryptase beta II; tryptase beta III; TPSB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TPSB2. No significant cross-reactivity or interference between human TPSB2 and analogues was observed.
Sequence Length	275
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.137 ng/ml-100 ng/ml
Sensitivity	< 0.137 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPSB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TPSB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPSB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPSB2 is added to the wells. After washing, avidin 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 TPSB2 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 #	13775595
NCBI GeneID	7177
NCBI Accession #	NP_003285.2
NCBI GenBank Nucleotide #	NM_003294.3
UniProt Accession #	P20231; O95827; Q15664; Q9UQI6; Q9UQI7; D2E6S0; D2E6S2; Q15661
Molecular Weight	30,515 Da
NCBI Official Full Name	tryptase alpha/beta-1
NCBI Official Synonym Full Names	tryptase alpha/beta 1
NCBI Official Symbol	TPSAB1
NCBI Official Synonym Symbols	TPS1; TPS2; TPSB1
NCBI Protein Information	tryptase alpha/beta-1; tryptase I; tryptase-1; tryptase-I; tryptase-III; tryptase beta 1; tryptase beta I; tryptase beta-1; tryptase alpha-1; tryptase alpha II; mast cell beta I tryptase; mast cell alpha II tryptase
UniProt Protein Name	Tryptase beta-2
UniProt Gene Name	TPSB2
UniProt Synonym Gene Names	TPS2; Tryptase-2
UniProt Entry Name	TRYB2_HUMAN

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.