

Human Tryptase gamma ELISA Kit | TPSG1 elisa kit

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CATALOG #
AAA99374

REACTIVITY
Human

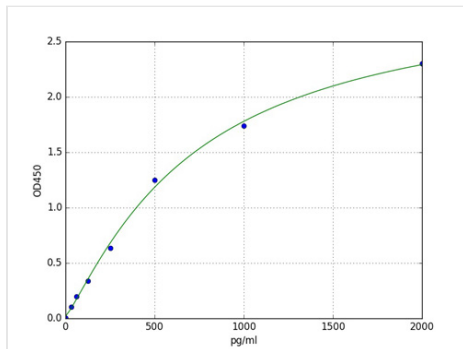
PRODUCT SYNONYMS

Tryptase gamma; Human Tryptase gamma ELISA Kit; TPSG1/Tryptase gamma -1/gamma I/gamma II/lung tryptase/mast cell protease II/mast cell tryptase/PRSS31skin tryptase/Serine protease 31/Transmembrane tryptase/trpA/tryptase gamma/tryptase gamma 1/tryptase gamma I/tryptase gamma II; TPSG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	321
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
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

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human TPSG1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.022	0.075	0.097	0.143	0.287	0.509	1.092	2.045

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPSG1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TPSG1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TPSG1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human TPSG1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TPSG1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296453005
NCBI GeneID	25823
Molecular Weight	33,815 Da
NCBI Official Full Name	Tryptase gamma
NCBI Official Synonym Full Names	tryptase gamma 1
NCBI Official Symbol	TPSG1
NCBI Official Synonym Symbols	TMT; trpA; PRSS31
NCBI Protein Information	tryptase gamma
UniProt Protein Name	Tryptase gamma
UniProt Gene Name	TPSG1
UniProt Synonym Gene Names	PRSS31; TMT
UniProt Entry Name	TRYG1_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.

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Online datasheet: <https://www.aaabiotech.com/tpsg1-human-elisa-kits/tryptase-gamma/99374>