

Human Tryptophan Hydroxylase 1 (TPH1) ELISA Kit | TPH1 elisa kit

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CATALOG #
AAA43682

REACTIVITY
Human

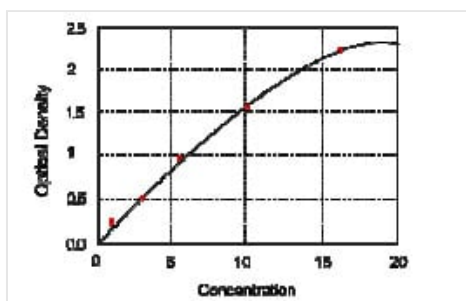
PRODUCT SYNONYMS

Tryptophan Hydroxylase 1 (TPH1); Human Tryptophan Hydroxylase 1 (TPH1) ELISA Kit; TPH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	65
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3nmol/L-90nmol/L
Sensitivity	0.17nmol/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPH1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Trypsinogen Activation Peptide (also known as TAP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human TAP antibody. TAP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human TAP Antibody is added and binds to TAP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TAP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human TAP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190889212
NCBI GeneID	7166
Molecular Weight	53,394 Da
NCBI Official Full Name	tryptophan hydroxylase 1, partial
NCBI Official Synonym Full Names	tryptophan hydroxylase 1
NCBI Official Symbol	TPH1
NCBI Official Synonym Symbols	TPRH; TRPH
NCBI Protein Information	tryptophan 5-hydroxylase 1
UniProt Protein Name	Tryptophan 5-hydroxylase 1
UniProt Gene Name	TPH1
UniProt Synonym Gene Names	TPH; TPRH; TRPH

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://stage.aaabiotech.com/human-elisa-kits/tryptophan-hydroxylase-1-tpH1/43682>