

Human Tryptophan Hydroxylase 2 (TPH2) ELISA Kit | TPH2 elisa kit

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CATALOG #
AAA43973

REACTIVITY
Human

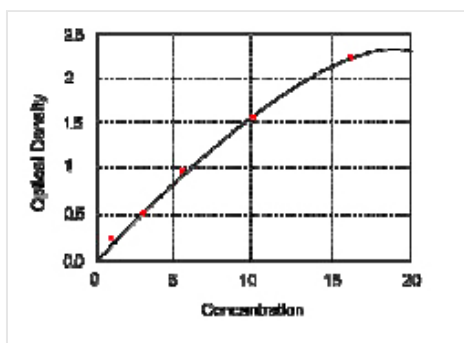
PRODUCT SYNONYMS

Tryptophan Hydroxylase 2 (TPH2); Human Tryptophan Hydroxylase 2 (TPH2) ELISA Kit; TPH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	32
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-2000ng/L
Sensitivity	4.04ng/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 TPH2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Tryptophan Hydroxylase 1 (also known as TPH1) in serum, plasma, cell culture supernates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TPH1 antibody. TPH1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TPH1 Antibody is added and binds to TPH1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TPH1 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 TPH1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190889112
NCBI GeneID	121278
Molecular Weight	56,242 Da
NCBI Official Full Name	tryptophan hydroxylase 2, partial
NCBI Official Synonym Full Names	tryptophan hydroxylase 2
NCBI Official Symbol	TPH2
NCBI Official Synonym Symbols	NTPH; ADHD7
NCBI Protein Information	tryptophan 5-hydroxylase 2
UniProt Protein Name	Tryptophan 5-hydroxylase 2
UniProt Gene Name	TPH2
UniProt Synonym Gene Names	NTPH

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-2-tpH2/43973>