

Human Tryptophan 5-hydroxylase 1 ELISA Kit | TPH1 elisa kit

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CATALOG #
AAA193197

REACTIVITY
Human

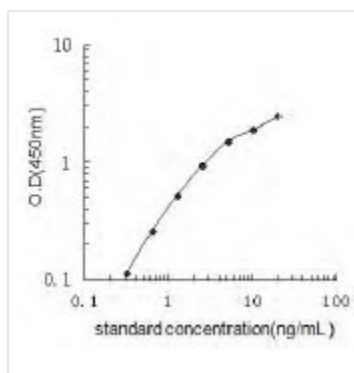
PRODUCT SYNONYMS

Tryptophan 5-hydroxylase 1; Human Tryptophan 5-hydroxylase 1 ELISA Kit; Tryptophan 5-monoxygenase 1; TPH1; TPH; TPRH; TRPH; 1.14.16.4; TPH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Matrix metalloproteinase-9,MMP-9
Sequence Length	444
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.156-10 ng/mL
Sensitivity	<0.056 ng/mL
Intra-assay Precision	Intra-Assay CV: <=3.5%
Inter-assay Precision	Inter-Assay CV: <=7.0%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPH1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759248
NCBI GeneID	7166
NCBI Accession #	NP_004170.1
NCBI GenBank Nucleotide #	NM_004179.2
UniProt Accession #	P17752; O95188; O95189; Q16736; Q3KPG8; D3DQX6
Molecular Weight	53,394 Da
NCBI Official Full Name	tryptophan 5-hydroxylase 1
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
UniProt Entry Name	TPH1_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://stage.aaabiotech.com/tph1-human-elisa-kits/tryptophan-5-hydroxylase-1/193197>