

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

Mouse Tryptophan Hydroxylase 1 (TPH1) ELISA Kit

CATALOG #
AAA66231

REACTIVITY
Mouse

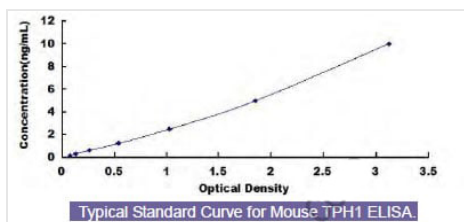
PRODUCT SYNONYMS

Tryptophan Hydroxylase 1 (TPH1); Mouse Tryptophan Hydroxylase 1 (TPH1) ELISA Kit; TPH; TPRH; TRPH; Tryptophan 5-Monooxygenase; TPH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TPH1. No significant cross-reactivity or interference between TPH1 and analogues was observed.
Sequence Length	447
Samples	mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	<0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TPH1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TPH1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPH1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TPH1 in mouse tissue homogenates, cell lysates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862985
NCBI GeneID	21990
NCBI Accession #	NP_001129556.1

NCBI GenBank Nucleotide #	NM_001136084.2
UniProt Accession #	P17532
Molecular Weight	51,343 Da
NCBI Official Full Name	tryptophan 5-hydroxylase 1 isoform 1
NCBI Official Synonym Full Names	tryptophan hydroxylase 1
NCBI Official Symbol	Tph1
NCBI Official Synonym Symbols	Tph
NCBI Protein Information	tryptophan 5-hydroxylase 1
UniProt Protein Name	Tryptophan 5-hydroxylase 1
UniProt Gene Name	Tph1
UniProt Synonym Gene Names	Tph

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/tryptophan-hydroxylase-1-tph1/66231>