

Mouse High affinity nerve growth factor receptor ELISA Kit | Ntrk1 elisa kit

Mouse High affinity nerve growth factor receptor ELISA Kit

CATALOG #
AAA98509

REACTIVITY
Mouse

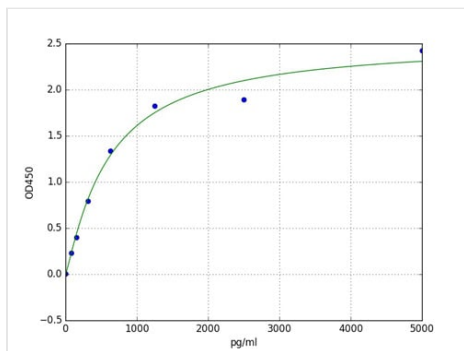
PRODUCT SYNONYMS

High affinity nerve growth factor receptor; Mouse High affinity nerve growth factor receptor ELISA Kit; Ntrk1/NTRK-1/MTHigh affinity nerve growth factor receptor/Neurotrophic tyrosine kinase receptor type 1/neurotrophic tyrosine kinase; receptor; type 1/p140-TrkA/TRK1-transforming tyrosine kinase protein/Trk-A/TRKAOncogene TRK/TRKTRK1/tyrosine kinase receptor A; Ntrk1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	790
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Mouse Ntrk1 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	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.183	0.317	0.672	1.038	1.534	1.790	2.227

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ntrk1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Ntrk1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ntrk1 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. HRP-Streptavidin 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 Mouse Ntrk1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ntrk1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59889558
NCBI GeneID	4914
NCBI Accession #	NP_001012331.1
NCBI GenBank Nucleotide #	NM_001012331.1
Molecular Weight	77,145 Da
NCBI Official Full Name	high affinity nerve growth factor receptor isoform 1
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 1
NCBI Official Symbol	NTRK1
NCBI Official Synonym Symbols	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
NCBI Protein Information	high affinity nerve growth factor receptor
UniProt Protein Name	High affinity nerve growth factor receptor
UniProt Gene Name	NTRK1
UniProt Synonym Gene Names	MTC; TRK; TRKA; Trk-A
UniProt Entry Name	NTRK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ntrk1-mouse-elisa-kits/high-affinity-nerve-growth-factor-receptor/98509>