

Rat NTRK3 ELISA Kit | NTRK3 elisa kit

Rat NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3) ELISA Kit

CATALOG #
AAA164041

REACTIVITY
Rat

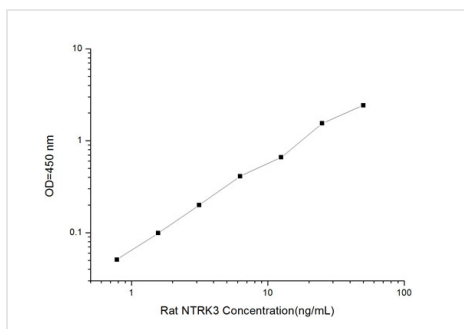
PRODUCT SYNONYMS

NTRK3; Rat NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3) ELISA Kit; NTRK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat NTRK3. No significant cross-reactivity or interference between Rat NTRK3 and analogues was observed.
Sequence Length	817
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NTRK3 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat NTRK3 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to NTRK3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NTRK3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NTRK3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of NTRK3. You can calculate the concentration of NTRK3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340745353
NCBI GeneID	4916
NCBI Accession #	NP_001230030.1
NCBI GenBank Nucleotide #	NM_001243101.1
UniProt Accession #	Q16288; O75682; Q12827; Q16289; B7Z4C5; E9PG56; H0YND1
Molecular Weight	91,833 Da
NCBI Official Full Name	NT-3 growth factor receptor isoform d
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 3
NCBI Official Symbol	NTRK3
NCBI Official Synonym Symbols	TRKC; gp145(trkC)
NCBI Protein Information	NT-3 growth factor receptor; ETS related protein-neurotrophic receptor tyrosine kinase fusion protein; ETV6-NTRK3 fusion; GP145-TrkC; tyrosine kinase receptor C
UniProt Protein Name	NT-3 growth factor receptor
UniProt Gene Name	NTRK3
UniProt Synonym Gene Names	TRKC; Trk-C
UniProt Entry Name	NTRK3_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.