

Rat NTRK2 (Neurotrophic Tyrosine Kinase Receptor Type 2) CLIA Kit | NTRK2 clia kit

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CATALOG #
AAA171067

REACTIVITY
Rat

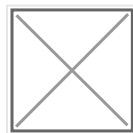
PRODUCT SYNONYMS

NTRK2 (Neurotrophic Tyrosine Kinase Receptor Type 2); Rat NTRK2 (Neurotrophic Tyrosine Kinase Receptor Type 2) CLIA Kit; TRKB; trk-B; GP145-TrkB; TrkB receptor; TrkB tyrosine kinase; BDNF/NT-3 growth factors receptor; NTRK2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant NTRK2. No significant cross-reactivity or interference between NTRK2 and analogues was observed.
Sequence Length	822
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NTRK2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of NTRK2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to NTRK2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NTRK2 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 NTRK2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of NTRK2. You can calculate the concentration of NTRK2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15217077
NCBI GeneID	4915
Molecular Weight	35,332 Da

NCBI Official Full Name	neurotrophic tyrosine kinase receptor type 2
NCBI Official Synonym Full Names	neurotrophic tyrosine kinase, receptor, type 2
NCBI Official Symbol	NTRK2
NCBI Official Synonym Symbols	TRKB; trk-B; GP145-TrkB
NCBI Protein Information	BDNF/NT-3 growth factors receptor
UniProt Protein Name	BDNF/NT-3 growth factors receptor
UniProt Gene Name	NTRK2
UniProt Synonym Gene Names	TRKB; Trk-B
UniProt Entry Name	NTRK2_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/rat-clia-kits/ntrk2-neurotrophic-tyrosine-kinase-receptor-type-2/171067>