

Rabbit Neurotrophic Tyrosine Kinase Receptor Type 3 ELISA Kit | NTRK3 elisa kit

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CATALOG #
AAA86903

REACTIVITY
Rabbit

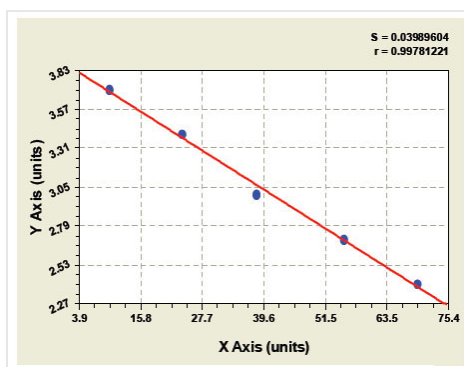
PRODUCT SYNONYMS

Neurotrophic Tyrosine Kinase Receptor Type 3; Rabbit Neurotrophic Tyrosine Kinase Receptor Type 3 ELISA Kit; NTRK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This NTRK3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit NTRK3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NTRK3 elisa kit

Principle of the Assay: NTRK3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTRK3 antibody and an NTRK3-HRP conjugate. The assay sample and buffer are incubated together with NTRK3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NTRK3 concentration since NTRK3 from samples and NTRK3-HRP conjugate compete for the anti-NTRK3 antibody binding site. Since the number of sites is limited, as more sites are occupied by NTRK3 from the sample, fewer sites are left to bind NTRK3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTRK3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NTRK3 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	525344032
NCBI GeneID	101048153
NCBI Accession #	NP_001266902.1
NCBI GenBank Nucleotide #	NM_001279973.1
NCBI Official Full Name	neurotrophic tyrosine kinase, receptor, type 3
NCBI Official Symbol	NTRK3
NCBI Protein Information	neurotrophic tyrosine kinase, receptor, type 3; neurotrophic tyrosine kinase receptor type 3

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://www.aaabiotech.com/ntrk3-rabbit-elisa-kits/neurotrophic-tyrosine-kinase-receptor-type-3/86903>