

Monkey Neurotrophin-1 ELISA Kit | NT-1 elisa kit

Monkey Neurotrophin-1 ELISA Kit

CATALOG #
AAA88938

REACTIVITY
Monkey

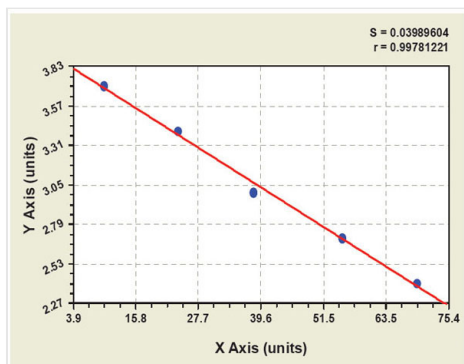
PRODUCT SYNONYMS

Neurotrophin-1; Monkey Neurotrophin-1 ELISA Kit; NT-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This NT-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey NT-1. 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 NT-1 elisa kit

Principle of the assay: NT-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NT-1 antibody and an NT-1-HRP conjugate. The assay sample and buffer are incubated together with NT-1-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 NT-1 concentration since NT-1 from samples and NT-1-HRP conjugate compete for the anti-NT-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NT-1 from the sample, fewer sites are left to bind NT-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NT-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442630245
NCBI GeneID	38558
NCBI Accession #	NP_001261418.1
NCBI GenBank Nucleotide #	NM_001274489.1
Molecular Weight	50,903 Da
NCBI Official Full Name	neurotrophin 1, isoform H
NCBI Official Synonym Full Names	Neurotrophin 1
NCBI Official Symbol	NT1
NCBI Official Synonym Symbols	CG18318; CG32242; CG32244; CG42576; CT30097; DmelCG42576; dNT1; DNT1; spz2; Spz2
NCBI Protein Information	CG42576 gene product from transcript CG42576-RH; CG42576-PB; CG42576-PC; CG42576-PD; CG42576-PE; CG42576-PF; CG42576-PG; CG42576-PH; NT1-PB; NT1-PC; NT1-PD; NT1-PE; NT1-PF; NT1-PG; NT1-PH; drosophila Neurotrophin1; neurotrophin 1; spatzie 2; spz2
UniProt Protein Name	FI02176p
UniProt Gene Name	NT1
UniProt Synonym Gene Names	CG32244-RB; DNT1; spz2; CG32242; Dmel_CG42576
UniProt Entry Name	Q8IRB0_DROME

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.