

Rat Neurotrophin-3/NT-3 ELISA Kit | NT-3 elisa kit

Rat Neurotrophin-3/NT-3 PicoKine Quick ELISA Kit

CATALOG # AAA128060	REACTIVITY Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

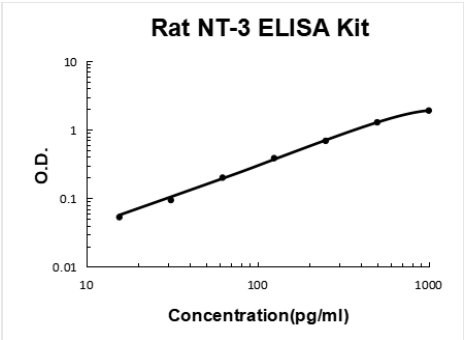
Neurotrophin-3/NT-3; Rat Neurotrophin-3/NT-3 PicoKine Quick ELISA Kit; Neurotrophin-3; NT-3; HDNF; Nerve growth factor 2; NGF-2; Neurotrophic factor; Ntf3; Ntf-3; NT-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	cell culture supernatants and serum
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<2pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Y139-T257
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for NT-3 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015.631.262.51252505001000O.D.0.0030.0560.0970.2030.3880.6911.2861.906
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)4117346441177504Standard deviation2.2512.4523.662.9915.5327.72CV (%)5.5%7.2%5.5%7.3%9%5.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 141383939391.082.7%Sample 21731591761681696.443.8%Sample 346441641947944427.536.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Rat Neurotrophin-3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for NT-3 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for NT-3 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	128584
NCBI GeneID	81737
UniProt Accession #	P18280; Q6NS33
Molecular Weight	29,645 Da
NCBI Official Full Name	Neurotrophin-3
NCBI Official Synonym Full Names	neurotrophin 3
NCBI Official Symbol	Ntf3
NCBI Protein Information	neurotrophin-3; HDNF; NT-3; NGF-2; neurotrophic factor; nerve growth factor 2; neurotrophin-3 (HDNF/NT-3)
UniProt Protein Name	Neurotrophin-3
UniProt Gene Name	Ntf3
UniProt Synonym Gene Names	Ntf-3; NT-3; NGF-2
UniProt Entry Name	NTF3_RAT

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.