

Human NPTXR ELISA Kit | NPTXR elisa kit

Human NPTXR ELISA Kit PicoKine

CATALOG # AAA128027	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

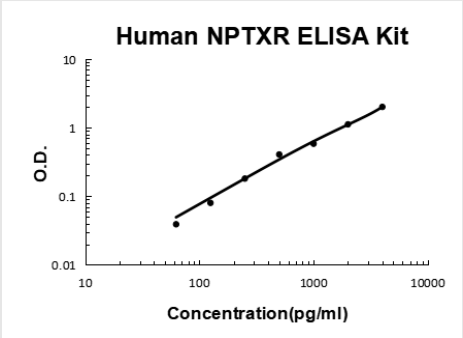
NPTXR; Human NPTXR ELISA Kit PicoKine; NPTXR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<30pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: A24-A500
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for NPTXR 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)062.51252505001,0002,0004,000O.D.O.0470.0860.1270.2280.4540.6311.1672.059
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)8521714691161861697Standard deviation6.5212.78114.145.067.6640.73CV(%)7.7%5.9%7.8%4.4%4.1%2.4%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 185956972801.662.1%Sample 221723019222621615.667.2%Sample 31469124319531586156335.472.3%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human NPTXR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for NPTXR 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 NPTXR elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402888
NCBI GeneID	23467
NCBI Accession #	NP_055108.2
NCBI GenBank Nucleotide #	NM_014293.3
UniProt Accession #	O95502
Molecular Weight	52,846 Da
NCBI Official Full Name	neuronal pentraxin receptor
NCBI Official Synonym Full Names	neuronal pentraxin receptor
NCBI Official Symbol	NPTXR
NCBI Official Synonym Symbols	NPR
NCBI Protein Information	neuronal pentraxin receptor
UniProt Protein Name	Neuronal pentraxin receptor
UniProt Gene Name	NPTXR

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.