

Human Ciliary neurotrophic factor receptor ELISA Kit | CNTFR elisa kit

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CATALOG #
AAA86315

REACTIVITY
Human

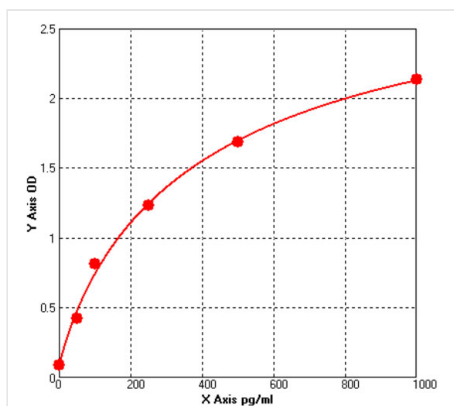
PRODUCT SYNONYMS

Ciliary neurotrophic factor receptor; Human Ciliary neurotrophic factor receptor ELISA Kit; CNTFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CNTFR. No significant cross-reactivity or interference between CNTFR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CNTFR and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTFR elisa kit	Principle of the Assay: CNTFR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CNTFR. Standards or samples are then added to the microtiter plate wells and CNTFR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CNTFR present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CNTFR are added to each well to "sandwich" the CNTFR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CNTFR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNTFR concentration in each sample is interpolated from this standard curve. Intended Uses: This CNTFR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CNTFR. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CNTFR elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	333108228
NCBI GeneID	1271
NCBI Accession #	NP_001193940.1
NCBI GenBank Nucleotide #	NM_001207011.1
Molecular Weight	40,633 Da
NCBI Official Full Name	ciliary neurotrophic factor receptor subunit alpha preproprotein
NCBI Official Synonym Full Names	ciliary neurotrophic factor receptor
NCBI Official Symbol	CNTFR
NCBI Protein Information	ciliary neurotrophic factor receptor subunit alpha; CNTFR-alpha; CNTF receptor subunit alpha
UniProt Protein Name	Ciliary neurotrophic factor receptor subunit alpha
UniProt Gene Name	CNTFR
UniProt Synonym Gene Names	CNTF receptor subunit alpha; CNTFR-alpha
UniProt Entry Name	CNTFR_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.

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Online datasheet: <https://stage.aaabiotech.com/cntfr-human-elisa-kits/ciliary-neurotrophic-factor-receptor/86315>