

Human Ciliary Neurotrophic Factor Receptor (CNTFR) ELISA Kit | CNTFR elisa kit

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CATALOG #
AAA149871

REACTIVITY
Human

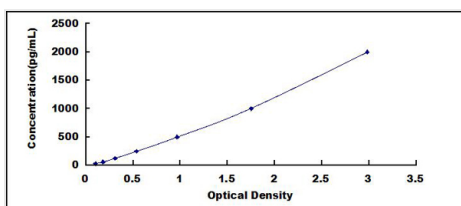
PRODUCT SYNONYMS

Ciliary Neurotrophic Factor Receptor (CNTFR); Human Ciliary Neurotrophic Factor Receptor (CNTFR) ELISA Kit; Ciliary Neurotrophic Factor Receptor; CNTFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Ciliary Neurotrophic Factor Receptor (CNTFR). No significant cross-reactivity or interference between Ciliary Neurotrophic Factor Receptor (CNTFR) and analogues was observed.
Sequence Length	372
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	12.1pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ciliary Neurotrophic Factor Receptor (CNTFR) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ciliary Neurotrophic Factor Receptor (CNTFR) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTFR elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ciliary Neurotrophic Factor Receptor (CNTFR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ciliary Neurotrophic Factor Receptor (CNTFR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Ciliary Neurotrophic Factor Receptor (CNTFR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Ciliary Neurotrophic Factor Receptor (CNTFR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CNTFR elisa kit	Neuro Science

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352099
NCBI GeneID	1271
UniProt Accession #	P26992
NCBI Official Full Name	Ciliary neurotrophic factor receptor subunit alpha
NCBI Official Synonym Full Names	ciliary neurotrophic factor receptor
NCBI Official Symbol	CNTFR
NCBI Protein Information	ciliary neurotrophic factor 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ciliary-neurotrophic-factor-receptor-cntfr/149871>