

Mouse Cntfr (Ciliary neurotrophic factor receptor subunit alpha) ELISA Kit | Cntfr elisa kit

Mouse Cntfr (Ciliary neurotrophic factor receptor subunit alpha) ELISA Kit

CATALOG #
AAA250560

REACTIVITY
Mouse

PRODUCT SYNONYMS

Cntfr (Ciliary neurotrophic factor receptor subunit alpha); Mouse Cntfr (Ciliary neurotrophic factor receptor subunit alpha) ELISA Kit; Ciliary neurotrophic factor receptor subunit alpha; CNTF receptor subunit alpha; CNTFR-alpha; Cntfr; Cntfr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Cntfr elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862919
NCBI GeneID	12804
NCBI Accession #	NP_001129528.1
NCBI GenBank Nucleotide #	NM_001136056.2
UniProt Accession #	O88507; Q80T01
Molecular Weight	40,801 Da
NCBI Official Full Name	ciliary neurotrophic factor receptor subunit alpha isoform 1

NCBI Official Synonym Full Names	ciliary neurotrophic factor receptor
NCBI Official Symbol	Cntrf
NCBI Official Synonym Symbols	Cntrfalpha
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	Cntrf
UniProt Synonym Gene Names	CNTF receptor subunit alpha; CNTFR-alpha
UniProt Entry Name	CNTFR_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/cntrf-ciliary-neurotrophic-factor-receptor-subunit-alpha/250560>