

Rat CNTF ELISA Kit | CNTF elisa kit

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CATALOG # AAA105901	REACTIVITY Rat	APPLICATIONS ELISA
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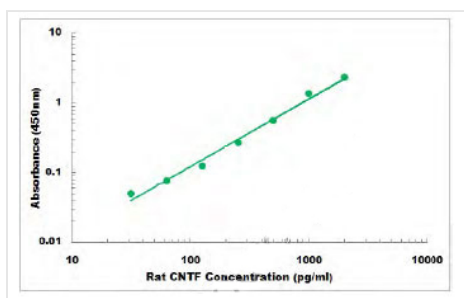
PRODUCT SYNONYMS

CNTF; Rat CNTF ELISA Kit; Ciliary neurotrophic factor; CNTF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Mouse RSPO3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse RSPO3 proteins within the range of 15.6 pg/ml-1000 pg/ml.
Sequence Length	200
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	10 pg/ml.
Applicable Applications for CNTF elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTF elisa kit

Principle of the Assay: The AAA Biotech's Mouse RSPO3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse RSPO3 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse RSPO3 coated on a 96-well plate. Standards and samples are pipetted into the wells and RSPO3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse RSPO3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of RSPO3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!

Background/Introduction: R-spondin-3 is a protein that in humans is encoded by the RSPO3 gene. This gene belongs to the R-spondin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978675
NCBI GeneID	25707
NCBI Accession #	NP_037298.1
NCBI GenBank Nucleotide #	NM_013166.1
UniProt Accession #	P20294
Molecular Weight	22,854 Da
NCBI Official Full Name	ciliary neurotrophic factor
NCBI Official Synonym Full Names	ciliary neurotrophic factor
NCBI Official Symbol	Cntf
NCBI Protein Information	ciliary neurotrophic factor; ciliary neurotropic factor
UniProt Protein Name	Ciliary neurotrophic factor
UniProt Gene Name	Cntf
UniProt Synonym Gene Names	CNTF
UniProt Entry Name	CNTF_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cntf/105901>