

Human CDNF ELISA Kit | CDNF elisa kit

Human CDNF (Cerebral Dopamine Neurotrophic Factor) ELISA Kit

CATALOG #
AAA165303

REACTIVITY
Human

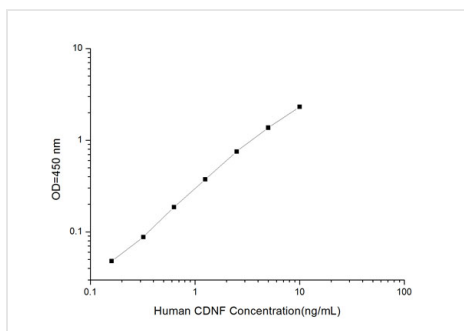
PRODUCT SYNONYMS

CDNF; Human CDNF (Cerebral Dopamine Neurotrophic Factor) ELISA Kit; CDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CDNF. No significant cross-reactivity or interference between Human CDNF and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CDNF and all the analogues, therefore, cross reaction may still exist.
Sequence Length	187
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDNF elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CDNF in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CDNF. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human CDNF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CDNF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human CDNF. You can calculate the concentration of Human CDNF in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82880674
NCBI GeneID	441549
NCBI Accession #	NP_001025125.2
NCBI GenBank Nucleotide #	NM_001029954.2
UniProt Accession #	Q49AH0; A2RUU0; B4DVW3
Molecular Weight	9,806 Da
NCBI Official Full Name	cerebral dopamine neurotrophic factor
NCBI Official Synonym Full Names	cerebral dopamine neurotrophic factor
NCBI Official Symbol	CDNF
NCBI Official Synonym Symbols	ARMETL1
NCBI Protein Information	cerebral dopamine neurotrophic factor; ARMET-like protein 1; arginine-rich, mutated in early stage tumors-like 1; conserved dopamine neurotrophic factor
UniProt Protein Name	Cerebral dopamine neurotrophic factor
UniProt Gene Name	CDNF
UniProt Synonym Gene Names	ARMETL1
UniProt Entry Name	CDNF_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.