

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

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CATALOG #
AAA42035

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	187
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.052ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDNF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cerebral Dopamine Neurotrophic Factor (also known as CDNF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CDNF antibody. CDNF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CDNF Antibody is added and binds to CDNF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CDNF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CDNF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	143955278
NCBI GeneID	441549
UniProt Accession #	Q49AH0; A2RUU0; B4D VW3
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
UniProt Protein Name	Cerebral dopamine neurotrophic factor
UniProt Gene Name	CDNF
UniProt Synonym Gene Names	ARMETL1

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/human-elisa-kits/cerebral-dopamine-neurotrophic-factor-cdnf/42035>