

Human CDNF (Cerebral Dopamine Neurotrophic Factor) CLIA Kit | CDNF clia kit

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CATALOG #
AAA171151

REACTIVITY
Human

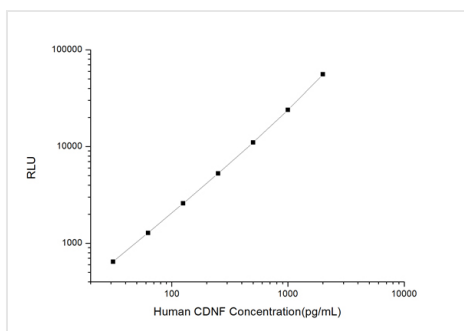
PRODUCT SYNONYMS

CDNF (Cerebral Dopamine Neurotrophic Factor); Human CDNF (Cerebral Dopamine Neurotrophic Factor) CLIA Kit; ARMETL1; ARMET-like protein 1; CDNF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant CDNF. No significant cross-reactivity or interference between CDNF and analogues was observed.
Sequence Length	187
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDNF clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CDNF concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CDNF. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for 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 CDNF, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CDNF. You can calculate the concentration of CDNF in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	82880674
NCBI GeneID	441549
NCBI Accession #	NP_001025125.2
NCBI GenBank Nucleotide #	NM_001029954.2
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
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.

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Online datasheet: <https://www.aaabiotech.com/human-clia-kits/cdnf-cerebral-dopamine-neurotrophic-factor/171151>