

Mouse Cdnf (Cerebral dopamine neurotrophic factor) ELISA Kit | Cdnf elisa kit

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CATALOG #
AAA250178

REACTIVITY
Mouse

PRODUCT SYNONYMS

Cdnf (Cerebral dopamine neurotrophic factor); Mouse Cdnf (Cerebral dopamine neurotrophic factor) ELISA Kit; Cerebral dopamine neurotrophic factor; ARMET-like protein 1; Conserved dopamine neurotrophic factor; Armetl1; Cdnf; Cdnf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Cdnf. No significant cross-reactivity or interference between Cdnf 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 Cdnf 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29244056
NCBI GeneID	227526
NCBI Accession #	NP_808315.1
NCBI GenBank Nucleotide #	NM_177647.4
UniProt Accession #	Q8CC36
Molecular Weight	21,032 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; 9330140G23
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_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/cdnf-cerebral-dopamine-neurotrophic-factor/250178>