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

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CATALOG #	REACTIVITY
AAA276929	**Mouse**

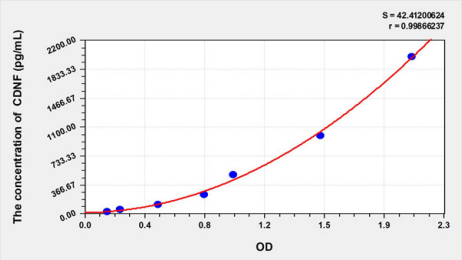
PRODUCT SYNONYMS

CDNF (Cerebral Dopamine Neurotrophic Factor); Mouse CDNF (Cerebral Dopamine Neurotrophic Factor) ELISA Kit; ARMETL1; ARMET-like protein 1; Conserved Dopamine Neurotrophic Factor; Arginine-Rich; Mutated In Early Stage Tumors-Like 1; CDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CDNF. No significant cross-reactivity or interference between Mouse CDNF and analogues was observed.
Assay Type	Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	15.3 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDNF elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cerebral Dopamine Neurotrophic Factor(CDNF). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cerebral Dopamine Neurotrophic Factor(CDNF). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cerebral Dopamine Neurotrophic Factor(CDNF), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cerebral Dopamine Neurotrophic Factor(CDNF) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for CDNF elisa kit	Metabolic pathway

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/276929