

Neuron Derived Neurotrophic Factor (NDNF) CLIA Kit | NDNF clia kit

CLIA Kit for Neuron Derived Neurotrophic Factor (NDNF)

CATALOG #
AAA130426

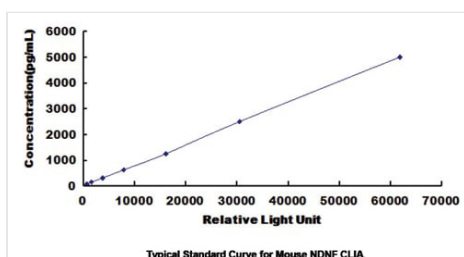
PRODUCT SYNONYMS

Neuron Derived Neurotrophic Factor (NDNF); CLIA Kit for Neuron Derived Neurotrophic Factor (NDNF); NDNF clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Neuron Derived Neurotrophic Factor (NDNF). No significant cross-reactivity or interference between Neuron Derived Neurotrophic Factor (NDNF) and analogues was observed.
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	6.859-5000pg/mL The standard curve concentrations used for the ELISA's were 5000pg/mL, 1666.67pg/mL, 555.56pg/mL, 185.19pg/mL, 61.728pg/mL, 20.576pg/mL, 6.859pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 31pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Neuron Derived Neurotrophic Factor (NDNF) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Neuron Derived Neurotrophic Factor (NDNF) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NDNF clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Neuron Derived Neurotrophic Factor (NDNF) level in the sample or standard.
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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/clia-kits/neuron-derived-neurotrophic-factor-ndnf/130426>