

Monkey brain-derived neurotrophic factor ELISA Kit | BDNF elisa kit

Monkey Brain-derived neurotrophic factor, BDNF ELISA Kit

CATALOG #
AAA112645

REACTIVITY
Monkey

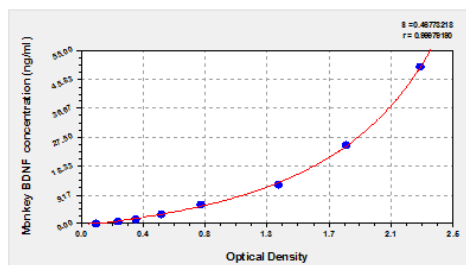
PRODUCT SYNONYMS

brain-derived neurotrophic factor; Monkey Brain-derived neurotrophic factor; BDNF ELISA Kit; Monkey Brain-derived neurotrophic factor (BDNF) ELISA kit; MGC34632; neurotrophin; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of Monkey BDNF. No significant cross-reactivity or interference between Monkey BDNF and analogues was observed.
Sequence Length	114
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BDNF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BDNF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BDNF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BDNF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	728957
NCBI GeneID	701245
UniProt Accession #	Q06225
Molecular Weight	12,956 Da
NCBI Official Full Name	Brain-derived neurotrophic factor
NCBI Official Symbol	BDNF
NCBI Protein Information	brain-derived neurotrophic factor
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_MACMU

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/bdnf-monkey-elisa-kits/brain-derived-neurotrophic-factor/112645>