

Mouse Brain Derived Neurotrophic Factor ELISA Kit | BDNF elisa kit

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CATALOG #
AAA16199

REACTIVITY
Mouse

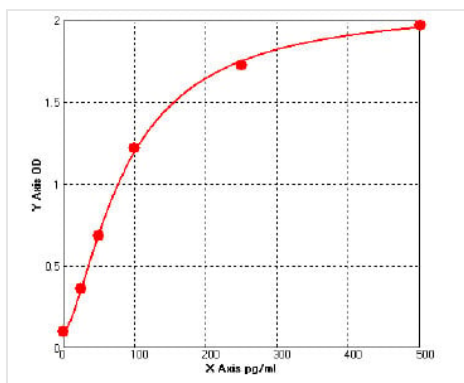
PRODUCT SYNONYMS

Brain Derived Neurotrophic Factor; Mouse Brain Derived Neurotrophic Factor ELISA Kit; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of BDNF. No significant cross-reactivity or interference between BDNF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BDNF and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit	Principle of the Assay: BDNF ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BDNF. Standards or samples are then added to the microtiter plate wells and BDNF if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BDNF present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for BDNF are added to each well to "sandwich" the BDNF immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BDNF and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BDNF concentration in each sample is interpolated from this standard curve. Intended Uses: This BDNF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BDNF. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for BDNF elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	262342369
Molecular Weight	27,051 Da
NCBI Official Full Name	BDNF, partial
UniProt Protein Name	BDNF
UniProt Gene Name	BDNF
UniProt Entry Name	D0VPU4_ONCMY

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-mouse-elisa-kits/brain-derived-neurotrophic-factor/16199>