

Monkey Brain Derived Neurotrophic Factor ELISA Kit | BDNF elisa kit

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CATALOG #
AAA93686

REACTIVITY
Monkey

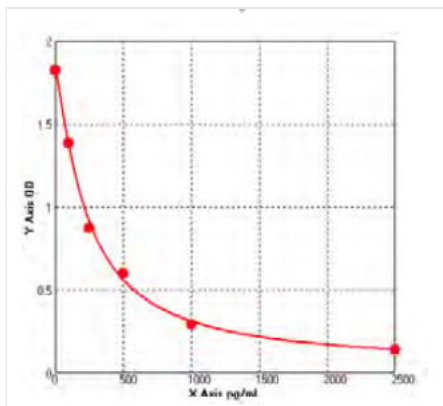
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
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.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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	Intended Uses: This BDNF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey BDNF. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: BDNF ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-BDNF antibody and an BDNF-HRP conjugate. The assay sample and buffer are incubated together with BDNF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BDNF concentration since BDNF from samples and BDNF-HRP conjugate compete for the anti-BDNF antibody binding site. Since the number of sites is limited, as more sites are occupied by BDNF from the sample, fewer sites are left to bind BDNF-HRP conjugate. 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.
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-monkey-elisa-kits/brain-derived-neurotrophic-factor/93686>