

Mouse Brain-derived neurotrophic factor ELISA Kit | Bdnf elisa kit

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CATALOG #
AAA309926

REACTIVITY
Mouse

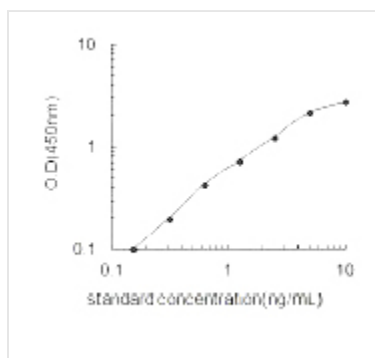
PRODUCT SYNONYMS

Brain-derived neurotrophic factor; Mouse Brain-derived neurotrophic factor ELISA Kit; BDNF; Bdnf; Bdnf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouseBDNF. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma,tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.156 ng/ml -10ng/ml
Sensitivity	<0.08 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bdnf elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse bdnf concentrations in serum, plasma,tissue homogenates and cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BDNF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forBDNF and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain BDNF, biotinconjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of BDNF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326457
NCBI GeneID	12064
NCBI Accession #	NP_001041604.1
NCBI GenBank Nucleotide #	NM_001048139.1
UniProt Accession #	P21237
Molecular Weight	28,123 Da
NCBI Official Full Name	brain-derived neurotrophic factor isoform 2 preproprotein
NCBI Official Synonym Full Names	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

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/309926>