

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

Mouse Brain derived neurotrophic factor, BDNF ELISA Kit

CATALOG #
AAA15292

REACTIVITY
Mouse

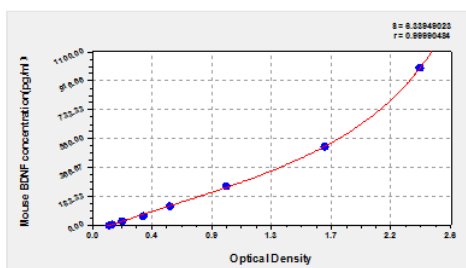
PRODUCT SYNONYMS

brain-derived neurotrophic factor; Mouse Brain derived neurotrophic factor; BDNF ELISA Kit; MGC34632; neurotrophin; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of rat BALP. No significant cross-reactivity or interference between rat BALP and analogues was observed.
Sequence Length	249
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 U/L-1000 U/L
Sensitivity	3.9 U/L.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 BALP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BALP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BALP 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 BALP bound in the initial step. The color development is stopped and the intensity of the color is measured.

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
NCBI Official Synonym Full Names	brain derived neurotrophic factor
NCBI Official Symbol	Bdnf
NCBI Protein Information	brain-derived neurotrophic factor; anorexia BDNF
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	Bdnf
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bdnf-mouse-elisa-kits/brain-derived-neurotrophic-factor/15292>