

Horse Brain-derived neurotrophic factor ELISA Kit | BDNF elisa kit

Horse Brain-derived neurotrophic factor (BDNF) ELISA Kit

CATALOG # AAA55424	REACTIVITY Horse
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PRODUCT SYNONYMS

Brain-derived neurotrophic factor; Horse Brain-derived neurotrophic factor (BDNF) ELISA Kit; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse BDNF. No significant cross-reactivity or interference between Horse BDNF and analogues was observed.
Sequence Length	246
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate BDNF in samples. An antibody specific for BDNF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyBDNF 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, Streptavidin 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 #	126352338
NCBI GeneID	100009689
NCBI Accession #	NP_001075256.1
NCBI GenBank Nucleotide #	NM_001081787.1
UniProt Accession #	Q0EAB7

Molecular Weight	27,722 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

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://www.aaabiotech.com/bdnf-horse-elisa-kits/brain-derived-neurotrophic-factor/55424>