

Rat BDNF (Brain Derived Neurotrophic Factor) ELISA Kit | BDNF elisa kit

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CATALOG #
AAA278476

REACTIVITY
Rat

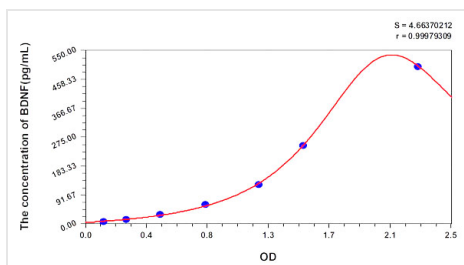
PRODUCT SYNONYMS

BDNF (Brain Derived Neurotrophic Factor); Rat BDNF (Brain Derived Neurotrophic Factor) ELISA Kit; Neurotrophin; Abreineurin; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.053ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat BDNF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat BDNF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat BDNF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat BDNF in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for BDNF elisa kit

Cytokine; Infection immunity; Neuro science

NCBI AND UNIPROT INFORMATION

NCBI GI #	114904
NCBI GeneID	24225
UniProt Accession #	P23363; Q53YL8

Molecular Weight	28,109 Da
NCBI Official Full Name	Brain-derived neurotrophic factor
NCBI Official Synonym Full Names	brain-derived neurotrophic factor
NCBI Official Symbol	Bdnf
NCBI Protein Information	brain-derived neurotrophic factor; brain derived neurotrophic factor; brain derived neurothrophic factor
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	Bdnf
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_RAT

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/rat-elisa-kits/bdnf-brain-derived-neurotrophic-factor/278476>