

Rat Brain derived neurotrophic factor, BDNF ELISA Kit | BDNF elisa kit

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CATALOG #
AAA43149

REACTIVITY
Rat

PRODUCT SYNONYMS

Brain derived neurotrophic factor; BDNF; Rat Brain derived neurotrophic factor; BDNF ELISA Kit; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	248
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Brain Derived Neurotrophic Factor (also known as BDNF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat BDNF antibody. BDNF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BDNF Antibody is added and binds to BDNF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BDNF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat BDNF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262342369
Molecular Weight	27,051 Da
NCBI Official Full Name	BDNF, partial
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/rat-elisa-kits/brain-derived-neurotrophic-facor-bdnf/43149>