

Fish Brain derived neurotrophic factor (BDNF) ELISA Kit | BDNF elisa kit

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CATALOG #
AAA121888

REACTIVITY
Fish

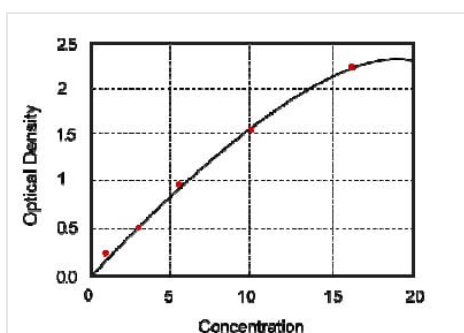
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	248
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-10ng/ml
Sensitivity	0.022ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Fish Brain derived neurotrophic facor (also known as BDNF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish BDNF antibody. BDNF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish 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 Fish BDNF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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.