

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

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CATALOG #
AAA194541

REACTIVITY
Pig

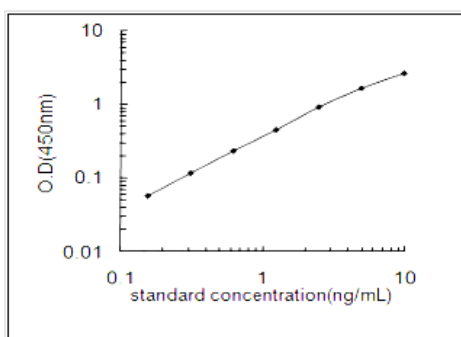
PRODUCT SYNONYMS

Brain-derived neurotrophic factor; Pig Brain-derived neurotrophic factor ELISA Kit; BDNF; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig BDNF. No significant cross-reactivity or interference was observed.
Sequence Length	252
Samples	Serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.156 ng/mL -10.0 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig brain-derived neurotrophic factor, BDNF concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BDNF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for BDNF and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain BDNF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of BDNF in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523586
NCBI GeneID	397495
NCBI Accession #	NP_999424.1
NCBI GenBank Nucleotide #	NM_214259.2
UniProt Accession #	P14082
Molecular Weight	28,287 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
UniProt Entry Name	BDNF_PIG

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-pig-elisa-kits/brain-derived-neurotrophic-factor/194541>