

Chicken Brain Derived Neurotrophic Factor ELISA Kit | BDNF elisa kit

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CATALOG #
AAA89053

REACTIVITY
Chicken

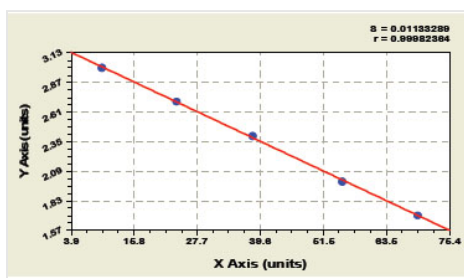
PRODUCT SYNONYMS

Brain Derived Neurotrophic Factor; Chicken Brain Derived Neurotrophic Factor ELISA Kit; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This BDNF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken BDNF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit

Principle of the Assay: BDNF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BDNF antibody and an BDNF-HRP conjugate. The assay sample and buffer are incubated together with BDNF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BDNF concentration since BDNF from samples and BDNF-HRP conjugate compete for the anti-BDNF antibody binding site. Since the number of sites is limited, as more sites are occupied by BDNF from the sample, fewer sites are left to bind BDNF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BDNF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BDNF elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	262342369
Molecular Weight	27,051 Da
NCBI Official Full Name	BDNF, partial
UniProt Protein Name	BDNF
UniProt Gene Name	BDNF
UniProt Entry Name	D0VPU4_ONCMY

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://stage.aaabiotech.com/bdnf-chicken-elisa-kits/brain-derived-neurotrophic-factor/89053>