

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

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CATALOG #
AAA53682

REACTIVITY
Guinea Pig

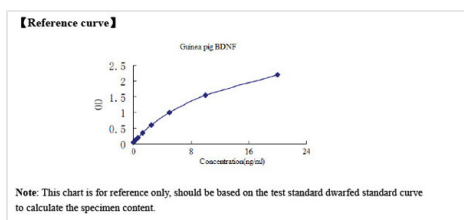
PRODUCT SYNONYMS

Brain Derived Neurotrophic Factor (BDNF); Guinea pig Brain Derived Neurotrophic Factor (BDNF) ELISA Kit; BDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	No cross-reaction with other factors.
Sequence Length	246
Samples	Guinea pig serum, plasma or cell culture supernatant and organizations in the natural and recombinant BDNF concentration.
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	Up to 0.06 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Guinea pig BDNF monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[71384185](#)

NCBI GeneID	396186
Molecular Weight	27,715 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; pre-pro-brain-derived
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_CHICK

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/guinea-pig-pig-elisa-kits/brain-derived-neurotrophic-factor-bdnf/53682>