

Rat BDNF (Brain Derived Neurotrophic Factor) CLIA Kit | BDNF clia kit

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CATALOG #
AAA171214

REACTIVITY
Rat

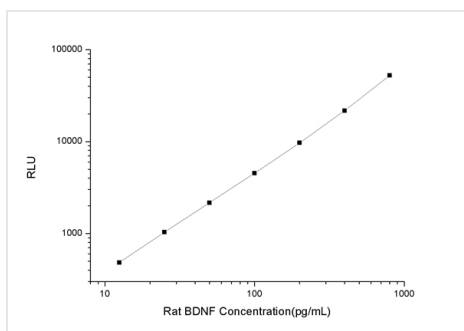
PRODUCT SYNONYMS

BDNF (Brain Derived Neurotrophic Factor); Rat BDNF (Brain Derived Neurotrophic Factor) CLIA Kit; ANON2; BULN2; BDNF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant BDNF. No significant cross-reactivity or interference between BDNF and analogues was observed.
Sequence Length	246
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDNF clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of BDNF concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to BDNF. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for BDNF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain BDNF, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of BDNF. You can calculate the concentration of BDNF in the samples by comparing the RLU value of the samples to the standard curve.

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
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://stage.aaabiotech.com/rat-clia-kits/bdnf-brain-derived-neurotrophic-factor/171214>