

Rat Glial cell line-derived neurotrophic factor ELISA Kit | Gdnf elisa kit

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CATALOG #
AAA56749

REACTIVITY
Rat

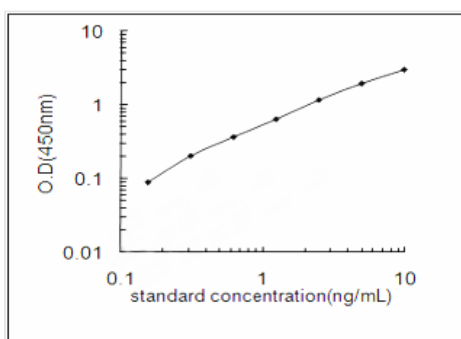
PRODUCT SYNONYMS

Glial cell line-derived neurotrophic factor; Rat Glial cell line-derived neurotrophic factor ELISA Kit; Astrocyte-derived trophic factor; ATF; Gdnf; Gdnf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Glial cell line-derived
Sequence Length	211
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=7.5%
Recovery	91%
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 Gdnf elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506721
NCBI GeneID	25453
NCBI Accession #	NP_062012.1
NCBI GenBank Nucleotide #	NM_019139.1
UniProt Accession #	Q07731; Q63214; Q64062; Q64063; Q8R485; Q9QX94; Q9QX95; Q9QXJ7; Q9QXJ8; Q9QXJ9
Molecular Weight	23,551 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	Gdnf
NCBI Official Synonym Symbols	gndf
NCBI Protein Information	glial cell line-derived neurotrophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	Gdnf
UniProt Synonym Gene Names	ATF
UniProt Entry Name	GDNF_RAT

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/gdnf-rat-elisa-kits/glial-cell-line-derived-neurotrophic-factor/56749>