

Mouse glial cell derived neurotrophic factor ELISA Kit | GDNF elisa kit

Mouse glial cell line-derived neurotrophic factor, GDNF ELISA Kit

CATALOG #
AAA79902

REACTIVITY
Mouse

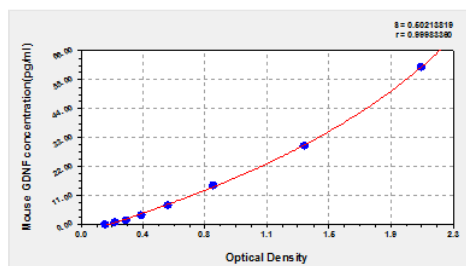
PRODUCT SYNONYMS

glial cell derived neurotrophic factor; Mouse glial cell line-derived neurotrophic factor; GDNF ELISA Kit; GDNF ELISA KIT; ATF1; ATF2; HFB1-GDNF; astrocyte-derived trophic factor; glial cell line derived neurotrophic factor; GDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GDNF. No significant cross-reactivity or interference between mouse GDNF and analogues was observed.
Sequence Length	240
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Sandwich
Detection Range	0.9 pg/ml -60 pg/ml.
Sensitivity	The minimum detectable dose of mouse GDNF is typically less than 0.23 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDNF elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GDNF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GDNF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GDNF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GDNF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7110601
NCBI GeneID	14573
NCBI Accession #	NP_034405.1
NCBI GenBank Nucleotide #	NM_010275.3
UniProt Accession #	P48540; O09058; P70446; P97919; P97920; Q6LEL9
Molecular Weight	23,662 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor isoform 1
NCBI Official Synonym Full Names	glial cell line derived neurotrophic factor
NCBI Official Symbol	Gdnf
NCBI Official Synonym Symbols	AI385739
NCBI Protein Information	glial cell line-derived neurotrophic factor; ATF; mGDNF; astrocyte-derived trophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	Gdnf
UniProt Synonym Gene Names	mGDNF; ATF
UniProt Entry Name	GDNF_MOUSE

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/gdnf-mouse-elisa-kits/glial-cell-derived-neurotrophic-factor/79902>