

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

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CATALOG #
AAA41855

REACTIVITY
Mouse

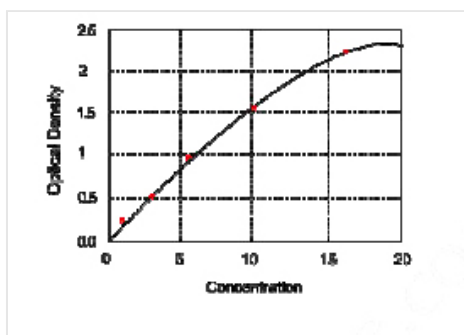
PRODUCT SYNONYMS

glial cell line-derived neurotrophic factor; GDNF; Mouse glial cell line-derived neurotrophic factor; GDNF ELISA Kit; GDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	202
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	8ng/L-1500ng/L
Sensitivity	4.47ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDNF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Galanin (also known as GAL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse GAL antibody. GAL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse GAL Antibody is added and binds to GAL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GAL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse GAL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	299473781
NCBI GeneID	2668
NCBI Accession #	NP_001177398.1
NCBI GenBank Nucleotide #	NM_001190469.1
UniProt Accession #	P39905; O95448; O95449; O95986; Q6FH33; Q96L44; Q9UD32; Q9UD33; Q9UMV2; Q9UP67; Q9UP97; B7WPK7
Molecular Weight	20,885 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor isoform 4
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	GDNF
NCBI Official Synonym Symbols	ATF; ATF1; ATF2; HSCR3; HFB1-GDNF
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	hGDNF; ATF

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/mouse-elisa-kits/glial-cell-line-derived-neurotrophic-factor-gdnf/41855>