

Mouse GDNF ELISA Kit | GDNF elisa kit

GDNF Mouse ELISA Kit

CATALOG # AAA58950	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

GDNF; GDNF Mouse ELISA Kit; Mouse GDNF; GDNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of. No significant cross-reactivity or interference between and analogues was observed.
Samples	Serum, Plasma, Tissue Homogenates And Other Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/ml
Sensitivity	<1.875ng/ml
Applicable Applications for GDNF elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES

Typical Data & Standard Curve
Results of a typical standard run of a mouse GDNF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	Pg/ml	0	2.5	5	10	20	40	80
Y	OD450	0.096	0.147	0.219	0.353	0.638	1.122	2.073

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDNF elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. ?? was pre-coated onto 96-well plates. And the biotin conjugated ?? was used as detection antigen. The standards, test samples and biotin conjugated detection Antigen were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	493796159
NCBI GeneID	2668
NCBI Accession #	NP_001265027.1
NCBI GenBank Nucleotide #	NM_001278098.1
UniProt Accession #	P39905; O95448; O95449; O95986; Q6FH33; Q96L44; Q9UD32; Q9UD33; Q9UMV2; Q9UP67; Q9UP97; B7WPK7 ; AAB33493; AAB33494
Molecular Weight	23,720 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor isoform 5
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	GNDF
NCBI Official Synonym Symbols	ATF1; ATF2; HSCR3; HFB1-GDNF
NCBI Protein Information	glial cell line-derived neurotrophic factor; ATF; astrocyte-derived trophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	GNDF
UniProt Synonym Gene Names	hGDNF; ATF
UniProt Entry Name	GNDF_HUMAN

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/mouse-elisa-kits/gdnf/58950>