

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

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CATALOG #
AAA42985

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	202
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
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 Human Glial Cell Line-derived Neurotrophic Factor (also known as GDNF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human GDNF antibody. GDNF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human GDNF Antibody is added and binds to GDNF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDNF 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 Human GDNF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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.