

Human GDNF family receptor alpha-1 ELISA Kit | GFRA1 elisa kit

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CATALOG #
AAA17595

REACTIVITY
Human

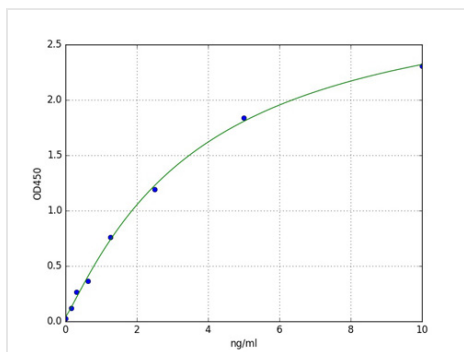
PRODUCT SYNONYMS

GDNF family receptor alpha-1; Human GDNF family receptor alpha-1 ELISA Kit; GFRA1/GDNF R alpha-1/GDNF family receptor alpha 1/GDNF family receptor alpha-1/GDNF receptor alpha-1/GDNFRAGFR-ALPHA-1/GDNFR-alpha-1/GFR-alpha-1/Glia1 cell line-derived neurotrophic factor receptor alpha/GPI-linked anchor protein/PI-linked cell-surface accessory protein/RET ligand 1/RET1L/TGF-beta related neurotrophic factor receptor 1/TGF-beta-related neurotrophic factor receptor 1; GFRA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	465
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human GFRA1 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.063	0.117	0.155	0.316	0.383	0.924	1.485	2.365

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GFRA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GFRA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GFRA1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human GFRA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GFRA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885269
NCBI GeneID	2674
NCBI Accession #	NP_005255.1
NCBI GenBank Nucleotide #	NM_005264.5
Molecular Weight	50,838 Da
NCBI Official Full Name	GNDF family receptor alpha-1 isoform a preproprotein
NCBI Official Synonym Full Names	GNDF family receptor alpha 1
NCBI Official Symbol	GFRA1
NCBI Official Synonym Symbols	GNDFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1
NCBI Protein Information	GNDF family receptor alpha-1
UniProt Protein Name	GNDF family receptor alpha-1
UniProt Gene Name	GFRA1
UniProt Synonym Gene Names	GDNFRA; RETL1; TRNR1; GDNF receptor alpha-1; GDNFR-alpha-1; GFR-alpha-1
UniProt Entry Name	GFRA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gfra1-human-elisa-kits/gdnf-family-receptor-alpha-1/17595>