

Human GFRA3 (GDNF family receptor alpha-3) ELISA Kit | GFRA3 elisa kit

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CATALOG #
AAA250189

REACTIVITY
Human

PRODUCT SYNONYMS

GFRA3 (GDNF family receptor alpha-3); Human GFRA3 (GDNF family receptor alpha-3) ELISA Kit; GDNF family receptor alpha-3; GDNF receptor alpha-3; GDNFR-alpha-3; GFR-alpha-3; UNQ339; PRO538; PRO3664; GFRA3; GFRA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GFRA3. No significant cross-reactivity or interference between GFRA3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for GFRA3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50403696
NCBI GeneID	2676
UniProt Accession #	O60609 ; Q6UW20 ; Q8IUZ2 ; B2RA36 ; B4DMY9
Molecular Weight	400
NCBI Official Full Name	GDNF family receptor alpha-3
NCBI Official Synonym Full Names	GDNF family receptor alpha 3
NCBI Official Symbol	GFRA3

NCBI Official Synonym Symbols	GNFR3
NCBI Protein Information	GNF family receptor alpha-3; GFR-alpha-3; GNFR-alpha-3; GPI-linked receptor; GNF receptor alpha-3; glial cell line-derived neurotrophic factor receptor alpha-3
UniProt Protein Name	GNF family receptor alpha-3
UniProt Gene Name	GFRA3
UniProt Synonym Gene Names	GNF receptor alpha-3; GNFR-alpha-3; GFR-alpha-3
UniProt Entry Name	GFRA3_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://stage.aaabiotech.com/human-elisa-kits/gfra3-gdnf-family-receptor-alpha-3/250189>