

Human GNG3 (Guanine nucleotide-binding protein G (I)/G (S)/G (O) subunit gamma-3) ELISA Kit | GNG3 elisa kit

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CATALOG # AAA249992	REACTIVITY Human
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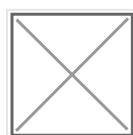
PRODUCT SYNONYMS

GNG3 (Guanine nucleotide-binding protein G (I)/G (S)/G (O) subunit gamma-3); Human GNG3 (Guanine nucleotide-binding protein G (I)/G (S)/G (O) subunit gamma-3) ELISA Kit; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3; GNGT3; GNG3; GNG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GNG3. No significant cross-reactivity or interference between GNG3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GNG3 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 #	6912394
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NCBI GeneID	2785
NCBI Accession #	NP_036334.1
NCBI GenBank Nucleotide #	NM_012202.4
UniProt Accession #	P63215; P29798; Q61014; B2R4S7
Molecular Weight	8,305 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), gamma 3
NCBI Official Symbol	GNG3
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3; NBP gamma-3; guanine nucleotide-binding protein gamma-3 subunit
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-3
UniProt Gene Name	GNG3
UniProt Synonym Gene Names	GNGT3
UniProt Entry Name	GBG3_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/gng3-guanine-nucleotide-binding-protein-g-i-g-s-g-o-subunit-gamma-3/249992>