

Human GNB4 (Guanine nucleotide-binding protein subunit beta-4) ELISA Kit | GNB4 elisa kit

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CATALOG #
AAA250645

REACTIVITY
Human

PRODUCT SYNONYMS

GNB4 (Guanine nucleotide-binding protein subunit beta-4); Human GNB4 (Guanine nucleotide-binding protein subunit beta-4) ELISA Kit; Guanine nucleotide-binding protein subunit beta-4; GNB4; Transducin beta chain 4; GNB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GNB4. No significant cross-reactivity or interference between GNB4 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 GNB4 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11055998
NCBI GeneID	59345
NCBI Accession #	NP_067642.1
NCBI GenBank Nucleotide #	NM_021629.3
UniProt Accession #	Q9HAV0 ; B3KMH5 ; D3DNR8
Molecular Weight	37,567 Da

NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-4
NCBI Official Synonym Full Names	G protein subunit beta 4
NCBI Official Symbol	GNB4
NCBI Official Synonym Symbols	CMTD1F
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-4
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-4
UniProt Gene Name	GNB4

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/human-elisa-kits/gnb4-guanine-nucleotide-binding-protein-subunit-beta-4/250645>