

Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 ELISA Kit | GNB3 elisa kit

Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 ELISA Kit

CATALOG # AAA57326	REACTIVITY Human
------------------------------	----------------------------

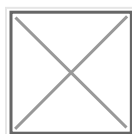
PRODUCT SYNONYMS

Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3; Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 ELISA Kit; Transducin beta chain 3; GNB3; GNB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3
Sequence Length	339
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.19 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.1%
Inter-assay Precision	Inter-Assay CV: <=10.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GNB3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	662033915
NCBI GeneID	2784
NCBI Accession #	NP_001284500.1
NCBI GenBank Nucleotide #	NM_001297571.1
UniProt Accession #	P16520; Q96B71; Q9BQC0
Molecular Weight	32,633 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3 isoform 2
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), beta polypeptide 3
NCBI Official Symbol	GNB3
NCBI Protein Information	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3
UniProt Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3
UniProt Gene Name	GNB3
UniProt Entry Name	GBB3_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://stage.aaabiotech.com/gnb3-human-elisa-kits/guanine-nucleotide-binding-protein-g-i-g-s-g-t-subunit-beta-3/57326>