

Human Guanylate Binding Protein 6 ELISA Kit | GBP6 elisa kit

Human Guanylate Binding Protein 6 (GBP6) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190022

REACTIVITY
Human

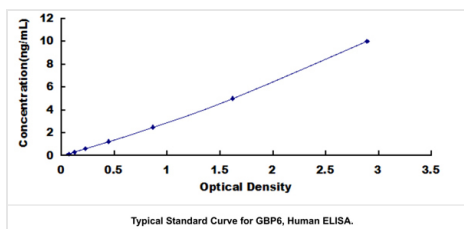
PRODUCT SYNONYMS

Guanylate Binding Protein 6; Human Guanylate Binding Protein 6 (GBP6) (Sandwich ELISA) ELISA Kit; GTP-binding protein 6; Guanine nucleotide-binding protein 6; ELISA Kit for Guanylate Binding Protein 6 (GBP6); GBP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GBP6. No significant cross-reactivity or interference between GBP6 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GBP6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GBP6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GBP6 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to GBP6. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to GBP6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GBP6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GBP6 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GBP6 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for GBP6 elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	157671915
NCBI GeneID	163351
NCBI Accession #	NP_940862
NCBI GenBank Nucleotide #	NM_198460.2
UniProt Accession #	Q6ZN66; Q6ZN86; Q7Z3F0; A2RRM3
Molecular Weight	34,494 Da
NCBI Official Full Name	guanylate-binding protein 6
NCBI Official Synonym Full Names	guanylate binding protein family, member 6
NCBI Official Symbol	GBP6
NCBI Protein Information	guanylate-binding protein 6; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6
UniProt Protein Name	Guanylate-binding protein 6
UniProt Gene Name	GBP6
UniProt Synonym Gene Names	GBP-6
UniProt Entry Name	GBP6_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/gbp6-human-elisa-kits/guanylate-binding-protein-6/190022>