

Mouse Gbp1 (Guanylate-binding protein 1) ELISA Kit | Gbp1 elisa kit

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CATALOG #
AAA250511

REACTIVITY
Mouse

PRODUCT SYNONYMS

Gbp1 (Guanylate-binding protein 1); Mouse Gbp1 (Guanylate-binding protein 1) ELISA Kit; Guanylate-binding protein 1; GTP-binding protein 1 (GBP-1; mGBP-1; mGBP1); Guanine nucleotide-binding protein 1; Interferon-gamma-inducible protein MAG-1; Interferon-induced guanylate-binding protein 1; Gbp1; Gbp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Gbp1. No significant cross-reactivity or interference between Gbp1 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

ADDITIONAL INFORMATION

Related Product Information for Gbp1 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 #	400217
NCBI GeneID	14468
UniProt Accession #	Q01514; Q32MT4
Molecular Weight	67,712 Da
NCBI Official Full Name	Interferon-induced guanylate-binding protein 1
NCBI Official Synonym Full Names	guanylate binding protein 2b
NCBI Official Symbol	Gbp2b

NCBI Official Synonym Symbols	Gbp1; Mpa1; Gbp-1; Mag-1; Mpa-1
NCBI Protein Information	interferon-induced guanylate-binding protein 1; GTP-binding protein 1; guanylate nucleotide binding protein 1; interferon-gamma-inducible protein MAG-1
UniProt Protein Name	Interferon-induced guanylate-binding protein 1
UniProt Gene Name	Gbp1
UniProt Synonym Gene Names	Gbp-1; Mag-1; Mpa1; GBP-1; mGBP-1; mGBP1
UniProt Entry Name	GBP1_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/gbp1-guanylate-binding-protein-1/250511>