

Mouse Glucose Regulated Protein 78 (GRP78) Elisa kit | GRP78 elisa kit

Mouse Glucose Regulated Protein 78, GRP78 ELISA Kit

CATALOG #
AAA18201

REACTIVITY
Mouse

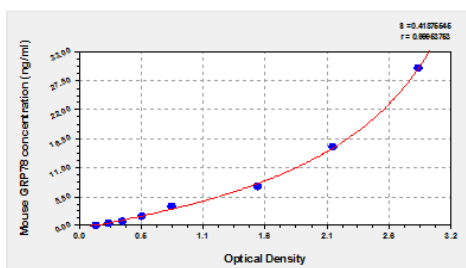
PRODUCT SYNONYMS

Glucose Regulated Protein 78 (GRP78) Elisa kit; Mouse Glucose Regulated Protein 78; GRP78 ELISA Kit; Mouse Glucose Regulated Protein 78 (GRP78) Elisa kit; BIP; FLJ26106; GRP78; MIF2; Heat-shock 70kD protein-5 (glucose-regulated protein; 78kD) ; heat shock 70kD protein 5 (glucose-regulated protein; heat shock 70kDa protein 5; GRP78 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GRP78. No significant cross-reactivity or interference between mouse GRP78 and analogues was observed.
Sequence Length	655
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.45 ng/ml -30 ng/ml
Sensitivity	Typically less than 0.11 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRP78 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GRP78 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GRP78 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GRP78 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GRP78 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254540168
NCBI GeneID	14828
NCBI Accession #	NP_001156906.1
NCBI GenBank Nucleotide #	NM_001163434.1
UniProt Accession #	P20029; O35642; Q3UFF2; Q61630
Molecular Weight	72,422 Da
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock protein 5
NCBI Official Symbol	Hspa5
NCBI Official Synonym Symbols	Bip; Sez7; mBiP; Grp78; SEZ-7; Hsce70; baffled; AL022860; AU019543; D2Wsu17e; D2Wsu141e
NCBI Protein Information	78 kDa glucose-regulated protein; GRP-78; XAP-1 antigen; heat shock 70 kDa protein 5; glucose regulated protein, 78 kDa; immunoglobulin heavy chain-binding protein; heat shock 70kD protein 5 (glucose-regulated protein, 78kD)
UniProt Protein Name	78 kDa glucose-regulated protein
UniProt Gene Name	Hspa5
UniProt Synonym Gene Names	Grp78; GRP-78; BiP
UniProt Entry Name	GRP78_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://stage.aaabiotech.com/mouse-elisa-kits/glucose-regulated-protein-78-grp78-elisa-kit/18201>