

Human Glucose Regulated Protein 78 (GRP78) ELISA Kit | GRP78 elisa kit

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CATALOG #
AAA43913

REACTIVITY
Human

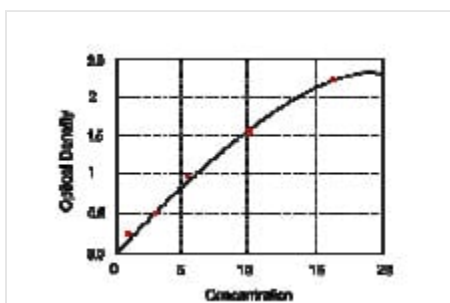
PRODUCT SYNONYMS

Glucose Regulated Protein 78 (GRP78); Human Glucose Regulated Protein 78 (GRP78) ELISA Kit; GRP78 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	682
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-100ng/ml
Sensitivity	0.23ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV< 10%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV< 12%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRP78 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Glucose Regulated Protein 78 (also known as GRP78) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human GRP78 antibody. GRP78 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human GRP78 Antibody is added and binds to GRP78 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GRP78 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human GRP78. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171130
Molecular Weight	74,468 Da
NCBI Official Full Name	glucose regulated protein 78
UniProt Protein Name	Endoplasmic reticulum chaperone BiP
UniProt Gene Name	KAR2
UniProt Synonym Gene Names	GRP781 PublicationManual assertion based on opinion iniRef.1; GRP-781 PublicationManual assertion based on opinion iniRef.1; BiPCurated

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/human-elisa-kits/glucose-regulated-protein-78-grp78/43913>