

Rat 78 kDa glucose-regulated protein ELISA Kit | Hspa5 elisa kit

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CATALOG #
AAA194876

REACTIVITY
Rat

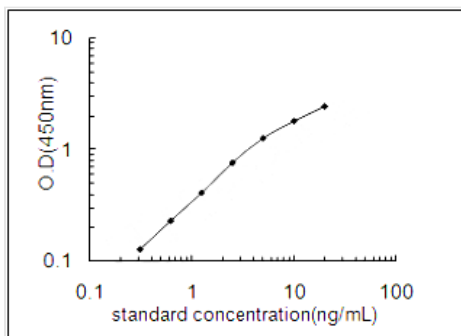
PRODUCT SYNONYMS

78 kDa glucose-regulated protein; Rat 78 kDa glucose-regulated protein ELISA Kit; GRP-78; Heat shock 70 kDa protein 5; Immunoglobulin heavy chain-binding protein; BiP; Steroidogenesis-activator polypeptide; Hspa5; Grp78; Hspa5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat GRP-78. No significant cross-reactivity or interference was observed.
Sequence Length	654
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL.
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 Hspa5 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat 78 kda glucose-regulated protein, GRP-78 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GRP-78. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for GRP-78 and 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 GRP-78, 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 GRP-78 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25742763
NCBI GeneID	25617
NCBI Accession #	NP_037215.1
NCBI GenBank Nucleotide #	NM_013083.2
UniProt Accession #	P06761
Molecular Weight	72,347 Da
NCBI Official Full Name	78 kDa glucose-regulated protein
NCBI Official Synonym Full Names	heat shock protein family A member 5
NCBI Official Symbol	Hspa5
NCBI Official Synonym Symbols	BIP; GRP78
NCBI Protein Information	78 kDa glucose-regulated protein
UniProt Protein Name	78 kDa glucose-regulated protein
UniProt Gene Name	Hspa5
UniProt Synonym Gene Names	Grp78; GRP-78; BiP
UniProt Entry Name	GRP78_RAT

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/hspa5-rat-elisa-kits/78-kda-glucose-regulated-protein/194876>