

Hamster High Mobility Group Protein B1, HMGB-1 ELISA Kit | HMGB-1 elisa kit

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CATALOG #
AAA43267

REACTIVITY
Hamster

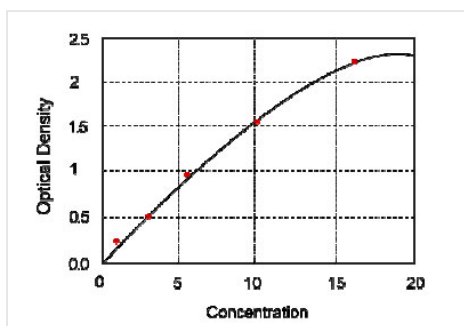
PRODUCT SYNONYMS

High Mobility Group Protein B1; HMGB-1; Hamster High Mobility Group Protein B1; HMGB-1 ELISA Kit; HMGB-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Sequence Length	215
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	15.63-1000pg/ml
Sensitivity	8.48pg/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<8%
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<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGB-1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Hamster HMGB-1 antibody. HMGB-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Hamster HMGB-1 Antibody is added and binds to HMGB-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HMGB-1 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 Hamster HMGB-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Hamster High mobility group protein B1 (also known as HMGB-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126352708
NCBI GeneID	100033873
NCBI Accession #	NP_001075304.1
NCBI GenBank Nucleotide #	NM_001081835.2
UniProt Accession #	Q08IE6
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG-1
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1

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/hamster-elisa-kits/high-mobility-group-protein-b1-hmgb-1/43267>