

Rat High mobility group protein B1 ELISA Kit | Hmgb1 elisa kit

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CATALOG #
AAA195448

REACTIVITY
Rat

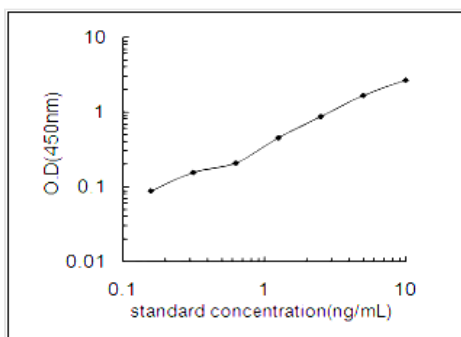
PRODUCT SYNONYMS

High mobility group protein B1; Rat High mobility group protein B1 ELISA Kit; Amphoterin; Heparin-binding protein p30; High mobility group protein 1; HMG-1; Hmgb1; Hmg-1; Hmg1; Hmgb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat High mobility group protein B1. No significant cross-reactivity or interference was observed.
Sequence Length	215
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-Assay CV	<=4.4%
Inter-Assay CV	<=6.5%
Recovery	94%
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 Hmgb1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat High mobility group protein B1 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 High mobility group protein B1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for High mobility group protein B1 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 High mobility group protein B1, 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 High mobility group protein B1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981026
NCBI GeneID	25459
NCBI Accession #	NP_037095.1
NCBI GenBank Nucleotide #	NM_012963.2
UniProt Accession #	P63159; P07155; P27109; P27428; Q548R9
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	Hmgb1
NCBI Official Synonym Symbols	Hmg1; Ac2-008
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	Hmgb1
UniProt Synonym Gene Names	Hmg-1; Hmg1; HMG-1
UniProt Entry Name	HMGB1_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.