

Rat HMG box-containing protein 1 ELISA Kit | Hbp1 elisa kit

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CATALOG #
AAA193929

REACTIVITY
Rat

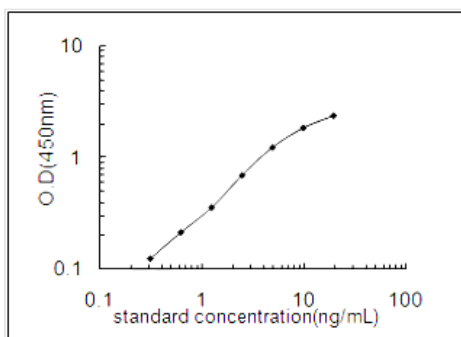
PRODUCT SYNONYMS

HMG box-containing protein 1; Rat HMG box-containing protein 1 ELISA Kit; HMG box transcription factor 1; High mobility group box transcription factor 1; Hbp1; Hbp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratHMG box-containing protein 1. No significant cross-reactivity or interference was observed.
Sequence Length	523
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.157 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=6.7%
Recovery	86%
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 Hbp1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of HMG box-containing protein 1 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 HMG box-containing protein 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HMG box-containing protein 1 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 HMG box-containing protein 1, 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 HMG box-containing protein 1 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 #	270047512
NCBI GeneID	27080
NCBI Accession #	NP_037353.2
NCBI GenBank Nucleotide #	NM_013221.2
UniProt Accession #	Q62661; Q5BK86
Molecular Weight	57,430 Da
NCBI Official Full Name	HMG box-containing protein 1
NCBI Official Synonym Full Names	HMG-box transcription factor 1
NCBI Official Symbol	Hbp1
NCBI Official Synonym Symbols	Hmgb1
NCBI Protein Information	HMG box-containing protein 1
UniProt Protein Name	HMG box-containing protein 1
UniProt Gene Name	Hbp1
UniProt Entry Name	HBP1_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/hbp1-rat-elisa-kits/hmg-box-containing-protein-1/193929>