

Human High Mobility Group Protein B1 (HMGB1) ELISA Kit | HMGB1 elisa kit

High Mobility Group Protein B1 (HMGB1) ELISA

CATALOG #
AAA72689

REACTIVITY
Human

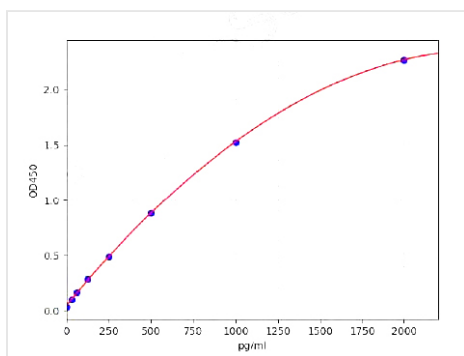
PRODUCT SYNONYMS

High Mobility Group Protein B1 (HMGB1); High Mobility Group Protein B1 (HMGB1) ELISA; HMGB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HMGB1. No significant cross-reactivity or interference between HMGB1 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Sandwich
Detection Range	31.25 - 2000 pg/mL
Sensitivity	18.75 pg/mL
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGB1 elisa kit	Intended Uses: The Human High mobility group protein B1 (HMGB1) ELISA has been designed for the detection of HMGB1 in serum, plasma, tissue homogenates and other biological fluids. For research use only, Principle of the Assay: This kit is based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody is pre-coated onto 96-well plates. And the biotin conjugated antibody is used as detection antibodies. The standards, test samples and biotin conjugated detection antibody are added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin is added and unbound conjugates are washed away with wash buffer. TMB substrates are used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504425
NCBI GeneID	3146
NCBI GenBank Nucleotide #	NP_002119.1
NCBI Official Full Name	high mobility group protein B1 isoform 1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; HMG-1; SBP-1
NCBI Protein Information	high mobility group protein B1

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.