

Human High mobility group protein B2 ELISA Kit | HMGB2 elisa kit

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CATALOG #
AAA100565

REACTIVITY
Human

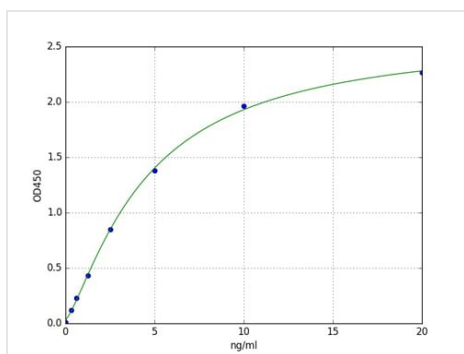
PRODUCT SYNONYMS

High mobility group protein B2; Human High mobility group protein B2 ELISA Kit; HMGB2/High mobility group protein B2/High mobility group protein 2/HMG-2; HMGB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	209
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human HMGB2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.032	0.106	0.283	0.515	0.908	1.533	2.038	2.196

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGB2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human HMGB2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HMGB2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was 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 Human HMGB2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HMGB2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194688135
NCBI GeneID	3148
NCBI Accession #	NP_001124161.1
NCBI GenBank Nucleotide #	NM_001130689.1
Molecular Weight	24,034 Da
NCBI Official Full Name	high mobility group protein B2
NCBI Official Synonym Full Names	high mobility group box 2
NCBI Official Symbol	HMGB2
NCBI Official Synonym Symbols	HMG2
NCBI Protein Information	high mobility group protein B2
UniProt Protein Name	High mobility group protein B2
UniProt Gene Name	HMGB2
UniProt Synonym Gene Names	HMG2; HMG-2
UniProt Entry Name	HMGB2_HUMAN

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/hmgb2-human-elisa-kits/high-mobility-group-protein-b2/100565>