

Mouse High mobility group protein B4 ELISA Kit | Hmgb4 elisa kit

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CATALOG #
AAA98123

REACTIVITY
Mouse

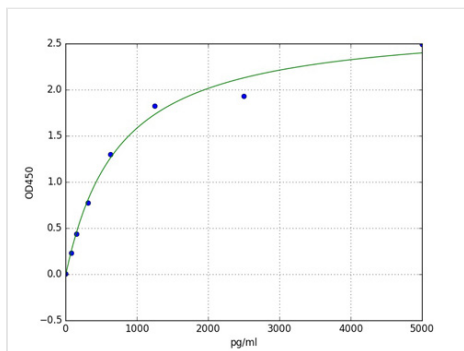
PRODUCT SYNONYMS

High mobility group protein B4; Mouse High mobility group protein B4 ELISA Kit; Hmgb4; Hmgb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	186
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Hmgb4 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.218	0.411	0.725	1.520	1.773	1.781	2.232

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hmgb4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Hmgb4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Hmgb4 antibody were 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 Mouse Hmgb4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Hmgb4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

57232750

NCBI GeneID	127540
NCBI Accession #	NP_660206.2
NCBI GenBank Nucleotide #	NM_145205.5
Molecular Weight	22,490 Da
NCBI Official Full Name	high mobility group protein B4
NCBI Official Synonym Full Names	high mobility group box 4
NCBI Official Symbol	HMGB4
NCBI Official Synonym Symbols	dJ1007G16.5
NCBI Protein Information	high mobility group protein B4
UniProt Protein Name	High mobility group protein B4
UniProt Gene Name	HMGB4
UniProt Entry Name	HMGB4_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/hmgb4-mouse-elisa-kits/high-mobility-group-protein-b4/98123>