

Human High mobility group protein B1 ELISA Kit | HMGB-1 elisa kit

Human High mobility group protein B1 (HMGB-1) ELISA Kit

CATALOG #
AAA55787

REACTIVITY
Human

PRODUCT SYNONYMS

High mobility group protein B1; Human High mobility group protein B1 (HMGB-1) ELISA Kit; DKFZp686A04236; HMG1; HMG3; SBP-1; Amphoterin|OTTHUMP00000018196|OTTHUMP00000190860|OTTHUMP00000200117|Sulfoglucuronyl carbohydrate binding protein|high mobility group box 1|high mobility group prot; HMGB-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HMGB1. No significant cross-reactivity or interference between Human HMGB1 and analogues was observed.
Sequence Length	215
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HMGB-1 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HMGB1 in samples. An antibody specific for HMGB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyHMGB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HMGB1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HMGB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	926459555
NCBI GeneID	3146
NCBI Accession #	NP_001300821.1
NCBI GenBank Nucleotide #	NM_001313892.1

UniProt Accession #	P09429; Q14321; Q5T7C3; Q6IBE1; A5D8W9
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; HMG3; HMG-1; SBP-1
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1

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://www.aaabiotech.com/hmgb-1-human-elisa-kits/high-mobility-group-protein-b1/55787>