

Dog high-mobility group box 1 ELISA Kit | HMGB1 elisa kit

Dog High mobility group protein B1, HMGB1 ELISA Kit

CATALOG #
AAA18332

REACTIVITY
Dog

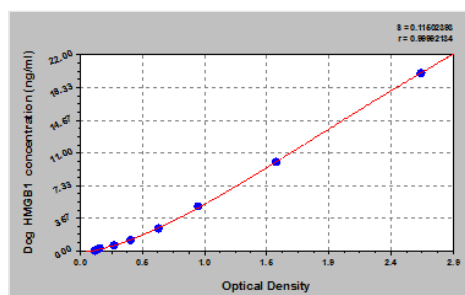
PRODUCT SYNONYMS

high-mobility group box 1; Dog High mobility group protein B1; HMGB1 ELISA Kit; Dog High mobility group protein B1 (HMGB1) ELISA kit; DKFZp686A04236; HMG1; HMG3; SBP-1; Amphoterin; OTTHUMP00000018196; OTTHUMP00000190860; OTTHUMP00000200117; Sulfoglucuronyl carbohydrate binding protein; high mobility group box 1; high mobility group prot; HMGB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog HMGB1. No significant cross-reactivity or interference between dog HMGB1 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml -20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HMGB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HMGB1 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, avidin 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50950133
NCBI GeneID	403170
NCBI Accession #	NP_001002937.1
NCBI GenBank Nucleotide #	NM_001002937.1
UniProt Accession #	Q6YKA4
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1
NCBI Protein Information	high mobility group protein B1; HMG-1; high-mobility group box 1; high mobility group protein 1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG-1
UniProt Entry Name	HMGB1_CANFA

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/hmgb1-dog-elisa-kits/high-mobility-group-box-1/18332>