

Dog HMGB-1 (High Mobility Group Protein B1) ELISA Kit | HMGB-1 elisa kit

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CATALOG #
AAA278540

REACTIVITY
Dog

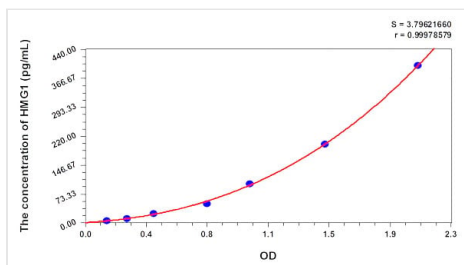
PRODUCT SYNONYMS

HMGB-1 (High Mobility Group Protein B1); Dog HMGB-1 (High Mobility Group Protein B1) ELISA Kit; HMGB1; HMG3; SBP1; Sulfoglucuronyl Carbohydrate Binding Protein; Amphoterin; High Mobility Group Box 1 Protein; HMG1; High Mobility Group Protein 1; HMGB-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.064ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGB-1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dog HMGB-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog HMGB-1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Dog HMGB-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Dog HMGB-1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for HMGB-1 elisa kit

[Infection immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50950133
NCBI GeneID	403170

NCBI Accession #	NP_001002937.1
NCBI GenBank Nucleotide #	NM_001002937.2
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
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	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://stage.aaabiotech.com/dog-elisa-kits/hmgb-1-high-mobility-group-protein-b1/278540>