

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

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CATALOG #  
**AAA278540**

REACTIVITY  
**Dog**

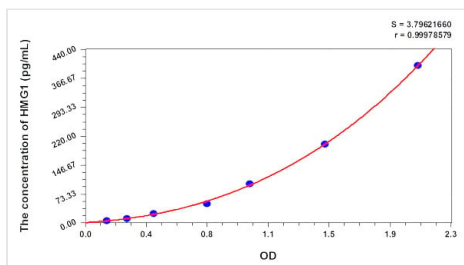
### PRODUCT SYNONYMS

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 #              | <a href="#">NP_001002937.1</a> |
| NCBI GenBank Nucleotide #     | <a href="#">NM_001002937.2</a> |
| UniProt Accession #           | <a href="#">Q6YKA4</a>         |
| 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             | <b>HMGB1</b>                   |
| 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://www.aaabiotech.com/dog-elisa-kits/hmgb-1-high-mobility-group-protein-b1/278540>