

## Pig High mobility group protein B1 ELISA Kit | HMGB1 elisa kit

Pig High mobility group protein B1 ELISA Kit

CATALOG #  
**AAA195281**

REACTIVITY  
**Pig**

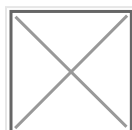
### PRODUCT SYNONYMS

High mobility group protein B1; Pig High mobility group protein B1 ELISA Kit; High mobility group protein 1; HMG-1; HMGB1; HMG1; HMGB1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                   |
| Specificity             | Recombinant and natural Pig High mobility group protein B1 (HMGB1)                    |
| Sequence Length         | 215                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.156 ng/mL -10 ng/mL                                                                 |
| Sensitivity             | <0.059 ng/mL                                                                          |
| Intra-assay Precision   | Intra-Assay CV: <6.6%                                                                 |
| Inter-assay Precision   | Inter-Assay CV: <9.1%                                                                 |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HMGB1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 51592117 |
| NCBI GeneID | 445521   |

|                            |                                |
|----------------------------|--------------------------------|
| NCBI Accession #           | <a href="#">NP_001004034.1</a> |
| NCBI GenBank Nucleotide #  | <a href="#">NM_001004034.1</a> |
| UniProt Accession #        | <a href="#">P12682</a>         |
| Molecular Weight           | 24,917 Da                      |
| NCBI Official Full Name    | high mobility group protein B1 |
| NCBI Official Symbol       | HMGB1                          |
| 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 | HMG1; HMG-1                    |
| UniProt Entry Name         | HMGB1_PIG                      |

**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-pig-elisa-kits/high-mobility-group-protein-b1/195281>