

## Pig Myoglobin ELISA Kit | MB elisa kit

Pig Myoglobin ELISA Kit

CATALOG #  
**AAA29745**

REACTIVITY  
**Pig**

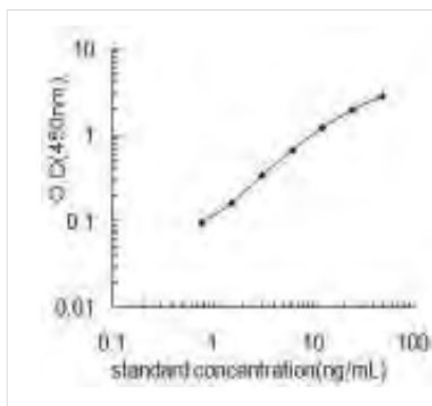
### PRODUCT SYNONYMS

Myoglobin; Pig Myoglobin ELISA Kit; MB; MB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                 |
| Specificity             | This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids                                             |
| Detection Range         | 0.78-50 ng/mL                                                                                                                       |
| Sensitivity             | < 0.14 ng/mL                                                                                                                        |
| Intra-assay Precision   | <=6.6%                                                                                                                              |
| Inter-assay Precision   | <=10.1%                                                                                                                             |
| Preparation and Storage | Store at 4 degree C                                                                                                                 |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MB elisa kit | <p>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 antigen preparation specific for target antibody 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 antibody biotin- conjugated antigen 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 antibody in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 47523546    |
| NCBI GeneID               | 397467      |
| NCBI Accession #          | NP_999401.1 |
| NCBI GenBank Nucleotide # | NM_214236.1 |
| UniProt Accession #       | P02189      |
| Molecular Weight          | 17,085 Da   |
| NCBI Official Full Name   | myoglobin   |
| NCBI Official Symbol      | MB          |
| NCBI Protein Information  | myoglobin   |
| UniProt Protein Name      | Myoglobin   |
| UniProt Gene Name         | MB          |

**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.