

Bovine Myoglobin ELISA Kit | MB elisa kit

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CATALOG #
AAA190568

REACTIVITY
Bovine

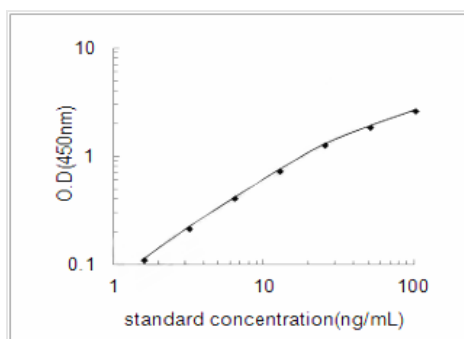
PRODUCT SYNONYMS

Myoglobin; Bovine Myoglobin ELISA Kit; MB; MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Myoglobin. No significant cross-reactivity or interference was observed.
Sequence Length	154
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	1.56ng/ml -100ng/ml.
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 MB elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Myoglobin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myoglobin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Myoglobin and 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 Myoglobin, 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 Myoglobin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806939
NCBI GeneID	280695
NCBI Accession #	NP_776306.1
NCBI GenBank Nucleotide #	NM_173881.2
UniProt Accession #	P02192; Q3ZC11
Molecular Weight	17,078 Da
NCBI Official Full Name	myoglobin
NCBI Official Symbol	MB
NCBI Protein Information	myoglobin
UniProt Protein Name	Myoglobin
UniProt Gene Name	MB
UniProt Entry Name	MYG_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mb-bovine-ovine-elisa-kits/myoglobin/190568>