

Bovine myoglobin ELISA Kit | MB elisa kit

Bovine Myoglobin, MB ELISA Kit

CATALOG #
AAA18356

REACTIVITY
Bovine

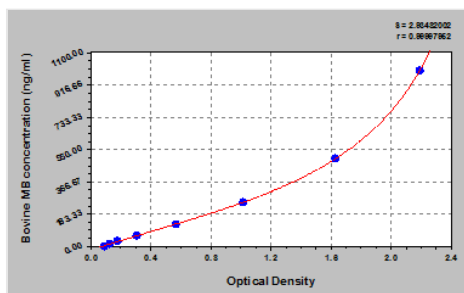
PRODUCT SYNONYMS

myoglobin; Bovine Myoglobin; MB ELISA Kit; Bovine Myoglobin (MB) ELISA kit; MGC13548; PVALB; OTTHUMP00000197922; MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine MB. No significant cross-reactivity or interference between bovine MB and analogues was observed.
Sequence Length	154
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	< 3.9 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 Synonym Full Names	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.

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Online datasheet: <https://stage.aaabiotech.com/mb-bovine-ovine-elisa-kits/myoglobin/18356>