

Horse Myoglobin ELISA Kit | MB elisa kit

Horse Myoglobin (MB) ELISA Kit

CATALOG # AAA55503	REACTIVITY Horse
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PRODUCT SYNONYMS

Myoglobin; Horse Myoglobin (MB) ELISA Kit; MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse MB. No significant cross-reactivity or interference between Horse MB and analogues was observed.
Sequence Length	154
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.78 ng/mL - 50 ng/mL
Sensitivity	0.39 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for MB elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate MB in Horse serum, plasma. An 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, Streptavidin 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. Intended Uses: For the quantitative detection of Horse Myoglobin (MB) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255683511
NCBI GeneID	100054434
NCBI Accession #	NP_001157488.1
NCBI GenBank Nucleotide #	NM_001164016.1
UniProt Accession #	P68082; P02188

Molecular Weight	17,083 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

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/mb-horse-elisa-kits/myoglobin/55503>