

Mouse Myoglobin ELISA Kit | MB elisa kit

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CATALOG # AAA76928	REACTIVITY Mouse
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PRODUCT SYNONYMS

Myoglobin; Mouse Myoglobin ELISA Kit; Mouse Myoglobin; MB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Mouse biological samples
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for MB elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the myoglobin (MYO) present in samples reacts with the anti-MYO antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-MYO antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound MYO. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of MYO in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of MYO in the test sample. The quantity of MYO in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Intended Uses: The MYO test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring MYO in mouse biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.
Product Categories/Family for MB elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885477
NCBI GeneID	4151
NCBI Accession #	NP_005359.1
NCBI GenBank Nucleotide #	NM_005368.2
UniProt Accession #	P02144 ; Q52H51 ; Q5THY7 ; Q8WVH6
Molecular Weight	17,184 Da
NCBI Official Full Name	myoglobin
NCBI Official Synonym Full Names	myoglobin
NCBI Official Symbol	MB

NCBI Official Synonym Symbols	PVALB; MGC13548
NCBI Protein Information	myoglobin; OTTHUMP00000197919; OTTHUMP00000197921; OTTHUMP00000197922; OTTHUMP00000197935
UniProt Protein Name	Myoglobin
UniProt Gene Name	MB
UniProt Entry Name	MYG_HUMAN

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/mouse-elisa-kits/myoglobin/76928>