

Chicken Myoglobin ELISA Kit | Mb elisa kit

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CATALOG #
AAA16786

REACTIVITY
Chicken

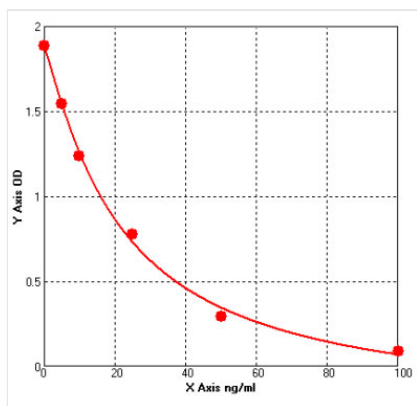
PRODUCT SYNONYMS

Myoglobin; Chicken Myoglobin ELISA Kit; Mb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of MB. No significant cross-reactivity or interference between MB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mb elisa kit	Principle of the Assay: MB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MB antibody and an MB-HRP conjugate. The assay sample and buffer are incubated together with MB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MB concentration since MB from samples and MB-HRP conjugate compete for the anti-MB antibody binding site. Since the number of sites is limited, as more sites are occupied by MB from the sample, fewer sites are left to bind MB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MB concentration in each sample is interpolated from this standard curve. Intended Uses: This MB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken MB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for Mb elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	44955888
NCBI GeneID	4151
NCBI Accession #	NP_976312.1
NCBI GenBank Nucleotide #	NM_203378.1
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
NCBI Protein Information	myoglobin
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://stage.aaabiotech.com/mb-chicken-elisa-kits/myoglobin/16786>