

Mouse Myoglobin ELISA Kit | MYO elisa kit

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CATALOG #
AAA98989

REACTIVITY
Mouse

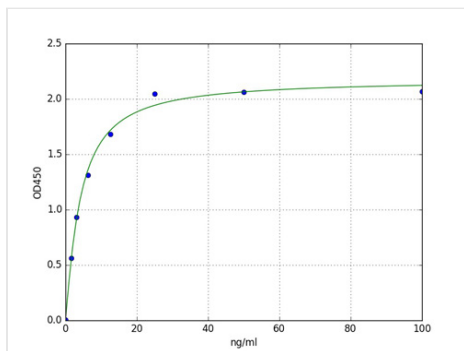
PRODUCT SYNONYMS

Myoglobin; Mouse Myoglobin ELISA Kit; Myo (Myoglobin)/PVALB; MYO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	154
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Myo ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.008	0.052	0.102	0.208	0.428	0.837	1.745	2.762

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYO elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Myo antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Myo antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Myo amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Myo can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

44955888

NCBI GeneID	4151
NCBI Accession #	NP_976312.1
NCBI GenBank Nucleotide #	NM_203378.1
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; myoglobgin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/myo-mouse-elisa-kits/myoglobin/98989>