

Mouse MYO ELISA Kit | MYO elisa kit

Mouse MYO (Myoglobin) ELISA Kit

CATALOG #
AAA164108

REACTIVITY
Mouse

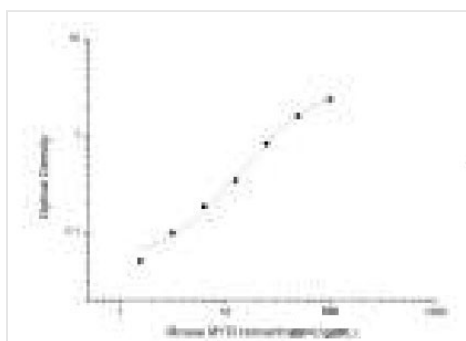
PRODUCT SYNONYMS

MYO; Mouse MYO (Myoglobin) ELISA Kit; MYO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse MYO in samples. No significant cross-reactivity or interference between Mouse MYO and analogues was observed
Sequence Length	224
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100 ng/mL
Sensitivity	0.94 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse MYO were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse MYO were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYO elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse MYO. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse MYO and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse MYO, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse MYO. You can calculate the concentration of Mouse MYO in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse MYO concentrations in serum, plasma and other biological fluids.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	13654247
NCBI GeneID	17928
NCBI Accession #	NP_112466.1
NCBI GenBank Nucleotide #	NM_031189.2
UniProt Accession #	P12979
Molecular Weight	25,203 Da
NCBI Official Full Name	myogenin
NCBI Official Synonym Full Names	myogenin
NCBI Official Symbol	Myog
NCBI Official Synonym Symbols	myo; MYF4; bHLHc3
NCBI Protein Information	myogenin; MYOD1-related protein
UniProt Protein Name	Myogenin
UniProt Gene Name	Myog
UniProt Entry Name	MYOG_MOUSE

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/mouse-elisa-kits/myo/164108>