

Human MYO (Myoglobin) ELISA Kit | MYO elisa kit

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CATALOG #
AAA278067

REACTIVITY
Human

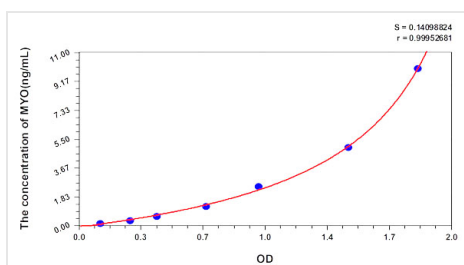
PRODUCT SYNONYMS

MYO (Myoglobin); Human MYO (Myoglobin) ELISA Kit; PVALB; MB; MYO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	6.12ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYO elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MYO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MYO. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MYO, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human MYO in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MYO elisa kit

[Cardiovascular biology](#)

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
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://www.aaabiotech.com/human-elisa-kits/myo-myoglobin/278067>