

Human MYO (Myoglobin) CLIA Kit | MYO clia kit

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CATALOG #
AAA171051

REACTIVITY
Human

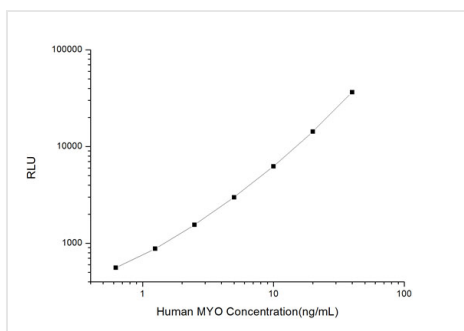
PRODUCT SYNONYMS

MYO (Myoglobin); Human MYO (Myoglobin) CLIA Kit; MB; PVALB; MYO clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MYO. No significant cross-reactivity or interference between MYO and analogues was observed.
Sequence Length	154
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYO clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MYO concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MYO. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MYO and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MYO, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MYO. You can calculate the concentration of MYO in the samples by comparing the RLU value of the samples to the standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/myo-myoglobin/171051>