

Mouse Myogenin ELISA Kit | Myog elisa kit

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CATALOG #
AAA194951

REACTIVITY
Mouse

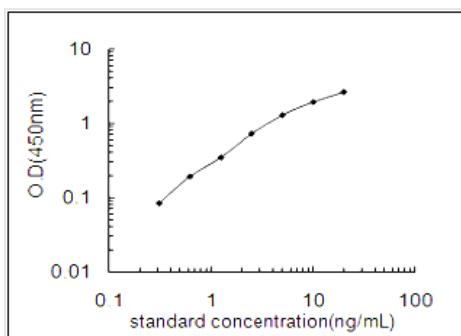
PRODUCT SYNONYMS

Myogenin; Mouse Myogenin ELISA Kit; MYOD1-related protein; Myog; Myog elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Myogenin. No significant cross-reactivity or interference was observed.
Sequence Length	224
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.157 ng/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.6%
Recovery	99%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Myog elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Myogenin concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myogenin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Myogenin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Myogenin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Myogenin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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
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.

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Online datasheet: <https://stage.aaabiotech.com/myog-mouse-elisa-kits/myogenin/194951>