

Mouse Myogenin (MYOG) ELISA Kit | MYOG elisa kit

Mouse Myogenin (MYOG) ELISA Kit

CATALOG #
AAA63570

REACTIVITY
Mouse

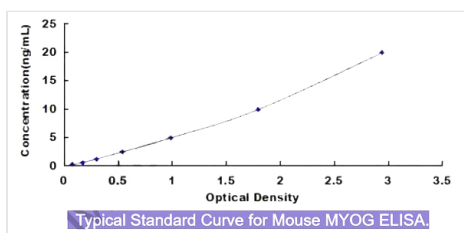
PRODUCT SYNONYMS

Myogenin (MYOG); Mouse Myogenin (MYOG) ELISA Kit; MYF4; bHLHc3; Myogenic Factor 4; Class C basic helix-loop-helix protein 3; MYOG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MYOG. No significant cross-reactivity or interference between MYOG and analogues was observed.
Sequence Length	224
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.108ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYOG were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MYOG were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYOG elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYOG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYOG. 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 MYOG, 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 MYOG in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MYOG in mouse tissue homogenates, cell lysates or 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
UniProt Protein Name	Myogenin
UniProt Gene Name	Myog

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/myogenin-myog/63570>