

Human Myocilin (MYOC) ELISA Kit | MYOC elisa kit

Human Myocilin (MYOC) ELISA Kit

CATALOG #
AAA13941

REACTIVITY
Human

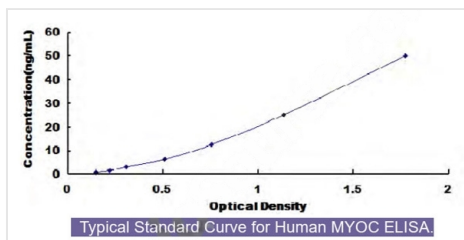
PRODUCT SYNONYMS

Myocilin (MYOC); Human Myocilin (MYOC) ELISA Kit; GLC1A GPOA JOAG JOAG1 TIGR Trabecular Meshwork Inducible Glucocorticoid Response Myocilin 55 kDa subunit; MYOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MYOC. No significant cross-reactivity or interference between MYOC and analogues was observed.
Sequence Length	504
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.781-50ng/mL
Sensitivity	< 0.28ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYOC 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 MYOC 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 MYOC elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYOC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYOC. 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 MYOC, 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 MYOC 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 MYOC in human tissue homogenates or other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557779
NCBI GeneID	4653
NCBI Accession #	NP_000252.1
NCBI GenBank Nucleotide #	NM_000261.1
UniProt Accession #	Q99972; O00620; Q7Z6Q9; B2RD84
Molecular Weight	56,972 Da
NCBI Official Full Name	myocilin
NCBI Official Synonym Full Names	myocilin
NCBI Official Symbol	MYOC
NCBI Official Synonym Symbols	GPOA; JOAG; TIGR; GLC1A; JOAG1
NCBI Protein Information	myocilin
UniProt Protein Name	Myocilin
UniProt Gene Name	MYOC

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/human-elisa-kits/myocilin-myoc/13941>