

Human MYOC (Myocilin) ELISA Kit | MYOC elisa kit

Human MYOC (Myocilin) ELISA Kit

CATALOG #
AAA250084

REACTIVITY
Human

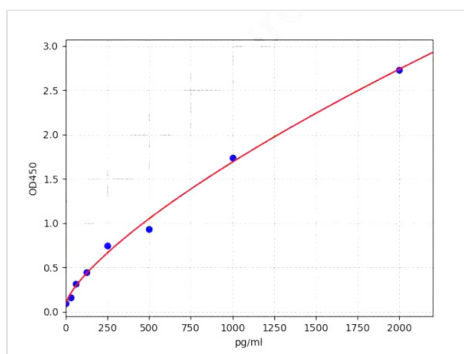
PRODUCT SYNONYMS

MYOC (Myocilin); Human MYOC (Myocilin) ELISA Kit; Myocilin; Myocilin 55 kDa subunit; Trabecular meshwork-induced glucocorticoid response protein; N-terminal fragment; Myocilin 20 kDa N-terminal fragment; C-terminal fragment; Myocilin 35 kDa N-terminal fragment; GLC1A; TIGR; MYOC; 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.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYOC elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	3024209
NCBI GeneID	4653
UniProt Accession #	Q99972; O00620; Q7Z6Q9; B2RD84
Molecular Weight	504
NCBI Official Full Name	Myocilin
NCBI Official Synonym Full Names	myocilin, trabecular meshwork inducible glucocorticoid response
NCBI Official Symbol	MYOC
NCBI Official Synonym Symbols	GPOA; JOAG; TIGR; GLC1A; JOAG1; myocilin
NCBI Protein Information	myocilin; myocilin 55 kDa subunit; mutated trabecular meshwork-induced glucocorticoid response protein
UniProt Protein Name	Myocilin
UniProt Gene Name	MYOC
UniProt Synonym Gene Names	GLC1A; TIGR
UniProt Entry Name	MYOC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/myoc-myocilin/250084>