

Human monoglyceride lipase ELISA Kit | MGLL elisa kit

Human Monoglyceride lipase, MGLL ELISA Kit

CATALOG #
AAA112489

REACTIVITY
Human

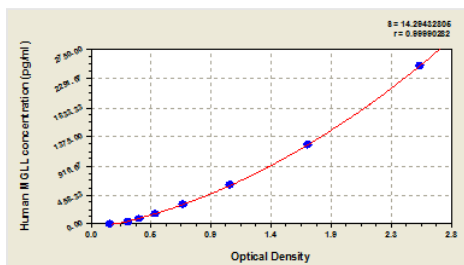
PRODUCT SYNONYMS

monoglyceride lipase; Human Monoglyceride lipase; MGLL ELISA Kit; Human Monoglyceride lipase (MGLL) ELISA kit; HU-K5; HUK5; MGL; lysophospholipase-like; monoacylglycerol lipase; MGLL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MGLL. No significant cross-reactivity or interference between human MGLL and analogues was observed.
Sequence Length	303
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	39.06 pg/ml-2500 pg/ml
Sensitivity	< 9.76 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MGLL elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MGLL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MGLL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MGLL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MGLL bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51242953
NCBI GeneID	11343
NCBI Accession #	NP_001003794.1
NCBI GenBank Nucleotide #	NM_001003794.2
UniProt Accession #	Q99685; Q6IBG9; Q96AA5; B3KRC2; B7Z9D1
Molecular Weight	33,261 Da
NCBI Official Full Name	monoglyceride lipase isoform 2
NCBI Official Synonym Full Names	monoglyceride lipase
NCBI Official Symbol	MGLL
NCBI Official Synonym Symbols	MGL; HUK5; MAGL; HU-K5
NCBI Protein Information	monoglyceride lipase; monoacylglycerol lipase; lysophospholipase homolog
UniProt Protein Name	Monoglyceride lipase
UniProt Gene Name	MGLL
UniProt Synonym Gene Names	MGL; MAGL
UniProt Entry Name	MGLL_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/mgll-human-elisa-kits/monoglyceride-lipase/112489>