

Human Glycosylphosphatidylinositol Anchored Molecule Like Protein (GML) ELISA Kit | GML elisa kit

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CATALOG # AAA65706	REACTIVITY Human
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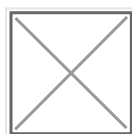
PRODUCT SYNONYMS

Glycosylphosphatidylinositol Anchored Molecule Like Protein (GML); Human Glycosylphosphatidylinositol Anchored Molecule Like Protein (GML) ELISA Kit; LY6DL; GPI Anchored Molecule Like Protein; GML elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GML. No significant cross-reactivity or interference between GML and analogues was observed.
Sequence Length	158
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GML 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 GML 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 GML elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GML in human tissue homogenates and other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GML. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GML. 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 GML, 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 GML in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504033
NCBI GeneID	2765
NCBI Accession #	NP_002057.1
NCBI GenBank Nucleotide #	NM_002066.2
UniProt Accession #	Q99445; O00686; O00731; A0AVF6
Molecular Weight	17,730 Da
NCBI Official Full Name	glycosyl-phosphatidylinositol-anchored molecule-like protein
NCBI Official Synonym Full Names	glycosylphosphatidylinositol anchored molecule like
NCBI Official Symbol	GML
NCBI Official Synonym Symbols	LY6DL
NCBI Protein Information	glycosyl-phosphatidylinositol-anchored molecule-like protein
UniProt Protein Name	Glycosyl-phosphatidylinositol-anchored molecule-like protein
UniProt Gene Name	GML
UniProt Synonym Gene Names	LY6DL

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.