

Human Lysosome-associated membrane glycoprotein 1, LAMP1 ELISA Kit | LAMP1 elisa kit

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CATALOG #
AAA123588

REACTIVITY
Human

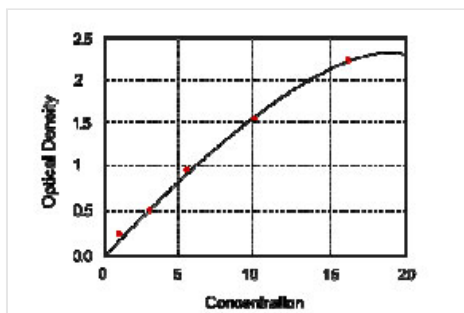
PRODUCT SYNONYMS

Lysosome-associated membrane glycoprotein 1; LAMP1; Human Lysosome-associated membrane glycoprotein 1; LAMP1 ELISA Kit; LAMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	414
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-20ng/mL
Sensitivity	0.027ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAMP1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Lysosome-associated membrane glycoprotein 1 (also known as LAMP1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LAMP1 antibody. LAMP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LAMP1 Antibody is added and binds to LAMP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LAMP1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human LAMP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	771915474
NCBI GeneID	396220
NCBI GenBank Nucleotide #	NP_990614.2
UniProt Accession #	P05300
NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LEP100
NCBI Protein Information	lysosome-associated membrane glycoprotein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1; Lysosome-associated membrane protein 1
UniProt Entry Name	LAMP1_CHICK

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.