

Mouse lysosomal-associated membrane protein 2 ELISA Kit | LAMP2 elisa kit

Mouse Lysosome-associated membrane glycoprotein 2, LAMP2 ELISA Kit

CATALOG #
AAA18109

REACTIVITY
Mouse

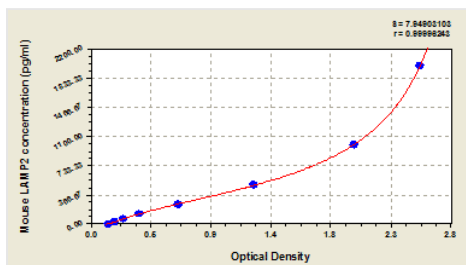
PRODUCT SYNONYMS

lysosomal-associated membrane protein 2; Mouse Lysosome-associated membrane glycoprotein 2; LAMP2 ELISA Kit; Mouse Lysosome-associated membrane glycoprotein 2 (LAMP2) ELISA kit; CD107b; LAMPB; LGP110; lysosome-associated membrane protein 2; LAMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse LAMP2. No significant cross-reactivity or interference between mouse LAMP2 and analogues was observed.
Sequence Length	415
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 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 LAMP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LAMP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LAMP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LAMP2 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 LAMP2 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 #	63054837
NCBI GeneID	16784
NCBI Accession #	NP_001017959.1
NCBI GenBank Nucleotide #	NM_001017959.2
UniProt Accession #	P17047; Q3TXG5; Q8BSG8; A2A430
Molecular Weight	45,681 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 2 isoform 1
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 2
NCBI Official Symbol	Lamp2
NCBI Official Synonym Symbols	Mac3; LGP-B; CD107b; Lamp-2; Lamp II; Lamp-2a; Lamp-2b; Lamp-2c
NCBI Protein Information	lysosome-associated membrane glycoprotein 2; lysosomal membrane glycoprotein 2; CD107 antigen-like family member B; lysosomal membrane glycoprotein type B
UniProt Protein Name	Lysosome-associated membrane glycoprotein 2
UniProt Gene Name	Lamp2
UniProt Synonym Gene Names	Lamp-2; LAMP-2; Lysosome-associated membrane protein 2; LGP-B
UniProt Entry Name	LAMP2_MOUSE

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/lamp2-mouse-elisa-kits/lysosomal-associated-membrane-protein-2/18109>