

Mouse LAMP2 (Lysosome-associated membrane glycoprotein 2) ELISA Kit | LAMP2 elisa kit

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CATALOG #
AAA249781

REACTIVITY
Mouse

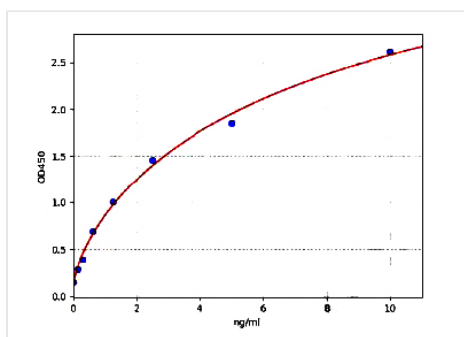
PRODUCT SYNONYMS

LAMP2 (Lysosome-associated membrane glycoprotein 2); Mouse LAMP2 (Lysosome-associated membrane glycoprotein 2) ELISA Kit; Lysosome-associated membrane glycoprotein 2; LAMP-2; Lysosome-associated membrane protein 2; CD107 antigen-like family member B; Lysosomal membrane glycoprotein type B; LGP-B; CD107b; Lamp-2; Lamp2; LAMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of LAMP2. No significant cross-reactivity or interference between LAMP2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 LAMP2 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.
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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	45,655 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
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

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/mouse-elisa-kits/lamp2-lysosome-associated-membrane-glycoprotein-2/249781>