

Human Lysosomal Associated Membrane Protein 2 (LAMP2) ELISA Kit | LAMP2 elisa kit

Human Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) ELISA Kit

CATALOG # AAA188370	REACTIVITY Human	APPLICATIONS ELISA
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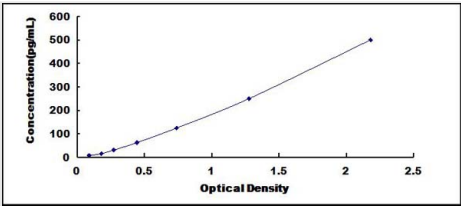
PRODUCT SYNONYMS

Lysosomal Associated Membrane Protein 2 (LAMP2); Human Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) ELISA Kit; Lysosomal Associated Membrane Protein 2; CD107-B; CD107b; LAMP-2C; LAMPB; LGP96; Lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B; LAMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2). No significant cross-reactivity or interference between Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) and analogues was observed.
Sequence Length	410
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.8-500pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 3.7pg/mL
Applicable Applications for LAMP2 elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) 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 Anti-Lysosomal Associated Membrane Protein 2 Antibody (Anti-LAMP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708854
NCBI GeneID	3920
UniProt Accession #	P13473
NCBI Official Full Name	Lysosome-associated membrane glycoprotein 2
NCBI Official Synonym Full Names	lysosomal associated membrane protein 2
NCBI Official Symbol	LAMP2
NCBI Official Synonym Symbols	DND; LAMPB; CD107b; LAMP-2; LGP-96; LGP110
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; Lysosome-associated membrane protein 2
UniProt Entry Name	LAMP2_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/human-elisa-kits/lysosomal-associated-membrane-protein-2-lamp2/188370>