

Human lysosomal-associated membrane protein 2, HLAMP-2 ELISA Kit | HLAMP-2 elisa kit

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CATALOG #
AAA79979

REACTIVITY
Human

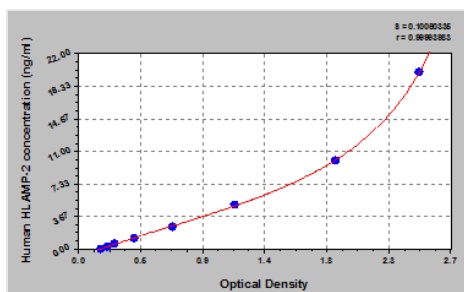
PRODUCT SYNONYMS

lysosomal-associated membrane protein 2; HLAMP-2; Human lysosomal-associated membrane protein 2; HLAMP-2 ELISA Kit; CD107b; LAMPB; LGP110; lysosome-associated membrane protein 2; HLAMP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HLAMP-2. No significant cross-reactivity or interference between Human HLAMP-2 and analogues was observed.
Sequence Length	411
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 HLAMP-2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HLAMP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HLAMP-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HLAMP-2 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 HLAMP-2 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 #	169790833
NCBI GeneID	3920
NCBI Accession #	NP_001116078.1
NCBI GenBank Nucleotide #	NM_001122606.1
UniProt Accession #	P13473; Q16641; Q6Q3G8; Q96J30; Q99534; Q9UD93; A8K4X5; D3DTF0
Molecular Weight	44,961 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 2 isoform C
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 2
NCBI Official Symbol	LAMP2
NCBI Official Synonym Symbols	LAMPB; CD107b; LAMP-2; LGP110
NCBI Protein Information	lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B
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://www.aaabiotech.com/human-elisa-kits/lysosomal-associated-membrane-protein-2-hlamp-2/79979>