

Human LAMP ELISA Kit | LAMP elisa kit

Human LAMP ELISA Kit PicoKine

CATALOG # AAA127991	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

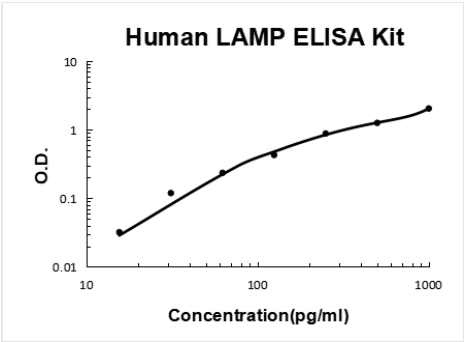
LAMP; Human LAMP ELISA Kit PicoKine; LAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: A28-N380
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for LAMP elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)015.631.262.51252505001,000O.D.0.0160.0480.1350.2510.4440.8961.2742.056
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)25594162655480Standard deviation1.173.320.550.913.9113.3CV(%)4.7%5.6%4.9%3.5%7.1%2.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 125172519221.46.5%Sample 259533745491.733.6%Sample 341638149835441220.745%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human LAMP PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for LAMP elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for LAMP elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	45594240
NCBI GeneID	4045
NCBI Accession #	NP_002329.2
NCBI GenBank Nucleotide #	NM_002338.3
UniProt Accession #	Q13449 ; Q8IV49
Molecular Weight	37,393 Da
NCBI Official Full Name	limbic system-associated membrane protein preproprotein
NCBI Official Synonym Full Names	limbic system-associated membrane protein
NCBI Official Symbol	LSAMP
NCBI Official Synonym Symbols	LAMP; IGLON3
NCBI Protein Information	limbic system-associated membrane protein; IgLON family member 3
UniProt Protein Name	Limbic system-associated membrane protein
UniProt Gene Name	LSAMP
UniProt Synonym Gene Names	IGLON3; LAMP; LSAMP
UniProt Entry Name	LSAMP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lamp/127991>