

Human Latent membrane protein 1 ELISA Kit | LMP 1 elisa kit

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CATALOG #
AAA82614

REACTIVITY
Human

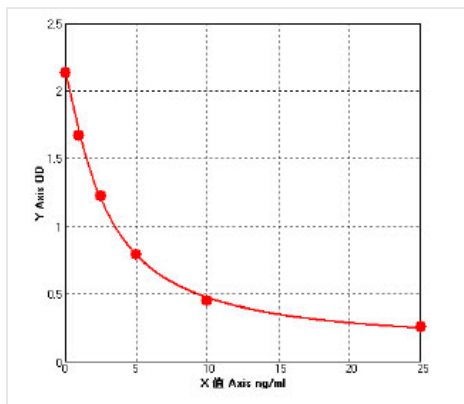
PRODUCT SYNONYMS

Latent membrane protein 1; Human Latent membrane protein 1 ELISA Kit; LMP 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LMP-1. No significant cross-reactivity or interference between LMP-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LMP-1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMP 1 elisa kit	Intended Uses: This LMP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LMP-1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: LMP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LMP-1 antibody and an LMP-1-HRP conjugate. The assay sample and buffer are incubated together with LMP-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LMP-1 concentration since LMP-1 from samples and LMP-1-HRP conjugate compete for the anti-LMP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by LMP-1 from the sample, fewer sites are left to bind LMP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LMP-1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17550086
NCBI GeneID	180912
NCBI Accession #	NP_509072.1
NCBI GenBank Nucleotide #	NM_076671.4
UniProt Accession #	Q11117; T15389
Molecular Weight	25,792 Da
NCBI Official Full Name	Protein LMP-1
NCBI Official Symbol	Imp-1
NCBI Protein Information	Protein LMP-1
UniProt Protein Name	LAMP family protein Imp-1
UniProt Gene Name	Imp-1
UniProt Synonym Gene Names	C03B1.12
UniProt Entry Name	LMP1_CAEEL

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/imp-1-human-elisa-kits/latent-membrane-protein-1/82614>