

## Sheep Latent membrane protein-1 ELISA Kit | LMP-1 elisa kit

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CATALOG #  
**AAA95160**

REACTIVITY  
**Sheep**

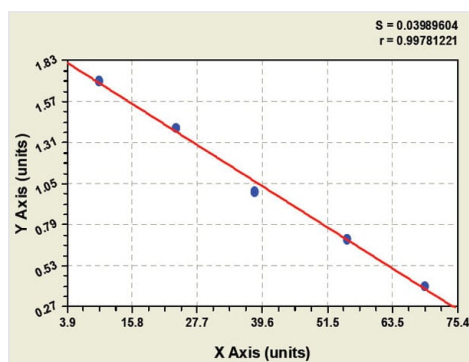
### PRODUCT SYNONYMS

Latent membrane protein-1; Sheep Latent membrane protein-1 ELISA Kit; LMP-1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | 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 Sheep LMP-1. This ELISA kit for research use only!

**Principle of the Assay:** LMP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

NCBI AND UNIPROT INFORMATION

|                         |              |
|-------------------------|--------------|
| NCBI GI #               | 428161181    |
| Molecular Weight        | 42,159 Da    |
| NCBI Official Full Name | LMP-1        |
| UniProt Protein Name    | LMP-1        |
| UniProt Gene Name       | <b>LMP-1</b> |
| UniProt Entry Name      | K9USK7_EBVG  |

**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/lmp-1-sheep-elisa-kits/latent-membrane-protein-1/95160>