

## Mouse Lipase, LPS ELISA Kit | LPS elisa kit

Mouse Lipase, LPS ELISA Kit

CATALOG #  
**AAA246898**

REACTIVITY  
**Mouse**

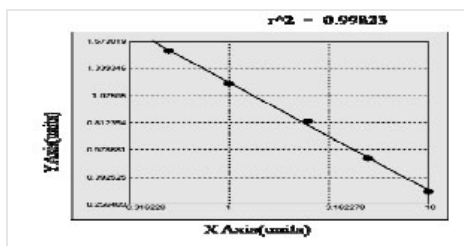
### PRODUCT SYNONYMS

Lipase; LPS; Mouse Lipase; LPS ELISA Kit; LPS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive (Quantitative)                                                 |
| Sensitivity             | 1.0 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for LPS elisa kit

**Intended Uses:** This LPS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse LPS. This ELISA kit for research use only!

**Principle of the Assay:** LPS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LPS antibody and an LPS-HRP conjugate. The assay sample and buffer are incubated together with LPS-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 LPS concentration since LPS from samples and LPS-HRP conjugate compete for the anti-LPS antibody binding site. Since the number of sites is limited, as more sites are occupied by LPS from the sample, fewer sites are left to bind LPS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LPS concentration in each sample is interpolated from this standard curve.

**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.