



## Product Information

### Rat lipopolysaccharide specific IgG antibody (LPS-SIgG) ELISA kit

**Cat. No.:** X23-10-YM093

**Size:** 48T; 96T

**Synonym:** Rat LPS-SIgG ELISA kit

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Rat lipopolysaccharide specific IgG antibody (LPS-SIgG) ELISA kit, an enzyme-linked immunosorbent assay, has the ability to detect levels of rat LPS-SIgG as low as 1.0 ng/mL and its detection range is 20-640 ng/mL.
<b>Assay Principle</b>	Rat lipopolysaccharide specific IgM antibody (LPS-SIgG) ELISA kit is intended for laboratory research use only and should not be used for diagnostic or therapeutic procedures. The stop solution included in the kit changes the color from blue to yellow, and the intensity of the color is measured at 450 nm using a spectrophotometer. To determine the concentration of LPS-SIgG in the sample, this kit provides a set of calibration standards. These calibration standards are assayed simultaneously with the samples, enabling the operator to generate a standard curve that correlates Optical Density (O.D.) values with LPS-SIgG concentrations. The concentration of LPS-SIgG in the samples can then be determined by comparing their O.D. values to the standard curve.
<b>Assay Target</b>	LPS-SIgG
<b>Species Reactivity</b>	Rat
<b>Components</b>	MicroELISA stripplate; Standard; Sample diluent; Enzyme conjugate; Wash solution; Chromogen solution A; Chromogen solution B; Stop solution; Closure plate membrane; Sealed bags
<b>Sample Type</b>	Serum, plasma, tissue homogenates and other biological fluids
<b>Detection Method</b>	Colorimetric, OD 450 nm
<b>Assay Range</b>	20-640 ng/mL
<b>Sensitivity</b>	1.0 ng/mL
<b>Precision (Intra-Assay)</b>	CV <10%
<b>Precision (Inter-Assay)</b>	CV <15%
<b>Applications</b>	Rat lipopolysaccharide specific IgG antibody (LPS-SIgG) ELISA kit can be used to measure the level of rat LPS-SIgG in serum, plasma, tissue homogenate and other biological fluid samples.
<b>Storage</b>	Store at 2-8°C.