

Lipopolysaccharide (LPS) DIY ELISA Kit | LPS diy elisa kit

General Lipopolysaccharide (LPS) ELISA Kit DIY Materials

CATALOG #
AAA147692

REACTIVITY
Pan-species (General)

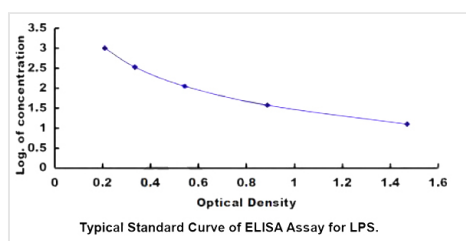
PRODUCT SYNONYMS

Lipopolysaccharide (LPS); General Lipopolysaccharide (LPS) ELISA Kit DIY Materials; LOS; Lipoglycans; Lipooligosaccharide; Lipo-Oligosaccharide; Endotoxin; LPS diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pan-species (General)
Specificity	This assay has high sensitivity and excellent specificity for detection of LPS.
Sequence Length	440
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	12.3-1,000ng/mL
Reagent Contents	Capture Antibody, Biotin-labeled Competitor, Standard, Streptavidin-HRP, TMB Substrate, 96-well Plate
Product Usage	1. Coat the plates with 100μL per well of working solution of Capture Antibody.incubate overnight at 4 degree C or incubate at 37 degree C for 2 hours. 2. Aspirate and wash 1 time. 3. Block the plates with 200 μL per well of working solution of Blocking Buffer. Incubate at 37 degree C for 1.5 hours. 4. Aspirate and wash 1 time. The plates are now ready for sample detection, the protocol is the same as regular ELISA.
Other Reagents Required	ELISA/CLIA Support Pack 2. ()
Preparation and Storage	Antibodies, Standard and Streptavidin-HRP should be stored at -20 degree C. TMB should be stored at 4 degree C. 96-well Plate could be stored at room temperature. The contents are valid for twelve months. They are stable for one month after opening when stored at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPS diy elisa kit	Intended Uses: This 'Do it Yourself (DIY)' assay kit contains materials for developing your own immunoassays. This may include the development of competitive inhibition ELISA to measure LPS in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids in vitro. This kit contains sufficient materials for preparation of at least five 96-well plates. Sample Preparation, Assay Protocol, and Detection Range for Reference are provided as suggestions only. Researchers should optimize the use of kit materials and protocols for their own model system and determine if the kit is suitable for their samples and immunoassay.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	152264
Molecular Weight	48,590 Da
NCBI Official Full Name	lipopolysaccharide
UniProt Protein Name	Lipopolysaccharide-processing protein LpsZ
UniProt Gene Name	lpsZ
UniProt Synonym Gene Names	rkpZ

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/general-diy-elisa-kits/lipopolysaccharide-lps/147692>