

General LPS ELISA Kit | LPS elisa kit

LPS (Lipopolysaccharides) ELISA Kit

CATALOG #
AAA21832

REACTIVITY
General

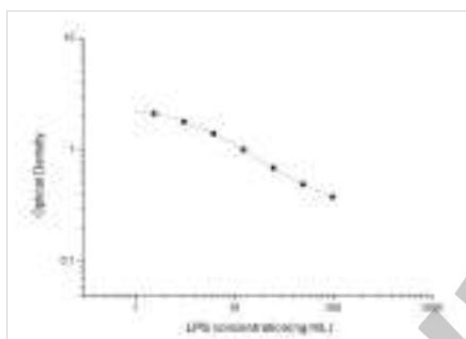
PRODUCT SYNONYMS

LPS; LPS (Lipopolysaccharides) ELISA Kit; LPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes LPS in samples. No significant cross-reactivity or interference between LPS and analogues was observed
Sequence Length	850
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100 ng/mL
Sensitivity	0.94 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level LPS were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level LPS were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPS elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been precoated with LPS. During the reaction, LPS in samples or Standard competes with a fixed amount of LPS on the solid phase supporter for sites on the Biotinylated Detection Ab specific to LPS. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of LPS in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of LPS concentrations in serum, plasma and other biological fluids.
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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-elisa-kits/lps/21832>