

Human Lipopolysaccharides (LPS) ELISA Kit | LPS elisa kit

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CATALOG #
AAA31503

REACTIVITY
Human

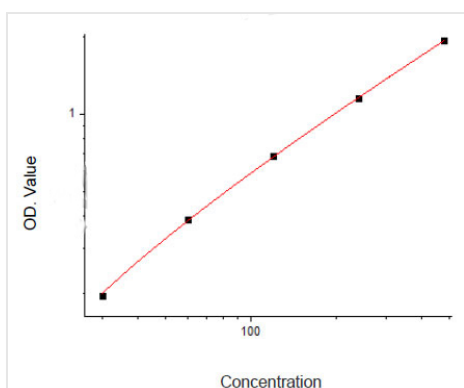
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPS elisa kit

Principle of the Assay: Human Lipopolysaccharides (LPS) ELISA Kit employs a two-site sandwich ELISA to quantitate LPS in samples. An antibody specific for LPS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LPS present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human LPS detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of LPS bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Lipopolysaccharides (LPS), also known as lipoglycans and endotoxins, are large molecules consisting of a lipid and a polysaccharide composed of O-antigen, outer core and inter core joined by a covalent bond, they are found in the outer membrane of Gram-negative bacteria.

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.