

Mouse Toll Like Receptor4 ELISA Kit | TLR4 elisa kit

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CATALOG #
AAA16601

REACTIVITY
Mouse

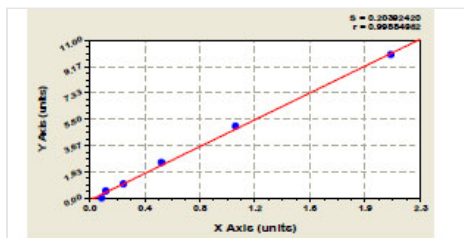
PRODUCT SYNONYMS

Toll Like Receptor4; Mouse Toll Like Receptor4 ELISA Kit; TLR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR4 elisa kit

Intended Uses: This TLR-4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TLR-4. This ELISA kit for research use only!

Principle of the Assay: TLR-4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TLR-4. Standards or samples are then added to the microtiter plate wells and TLR-4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TLR-4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TLR-4 are added to each well to "sandwich" the TLR-4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TLR-4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TLR-4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TLR4 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	260401829
Molecular Weight	6,356 Da
NCBI Official Full Name	TLR4, partial
UniProt Protein Name	TLR4
UniProt Gene Name	TLR4
UniProt Entry Name	D0EL75_BUBBU

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/tlr4-mouse-elisa-kits/toll-like-receptor4/16601>