

Mouse TLR4 ELISA Kit | TLR4 elisa kit

Mouse TLR4 (Toll-Like Receptor 4) ELISA Kit

CATALOG #
AAA165846

REACTIVITY
Mouse

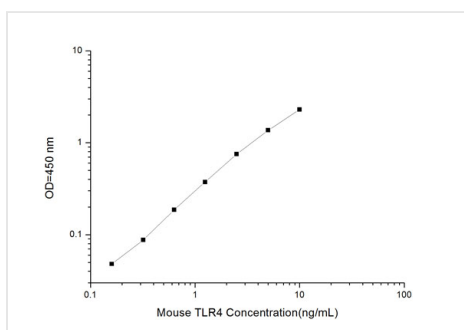
PRODUCT SYNONYMS

TLR4; Mouse TLR4 (Toll-Like Receptor 4) ELISA Kit; TLR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TLR4. No significant cross-reactivity or interference between Mouse TLR4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse TLR4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	55
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TLR4 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse TLR4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse TLR4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse TLR4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse TLR4. You can calculate the concentration of Mouse TLR4 in the samples by comparing the OD of the samples to the standard curve.
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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://www.aaabiotech.com/mouse-elisa-kits/tlr4/165846>