

Mouse toll-like receptor 4 ELISA Kit | TLR4 elisa kit

Mouse Soluble Toll-like Receptor 4, sTLR4 ELISA Kit

CATALOG #
AAA80815

REACTIVITY
Mouse

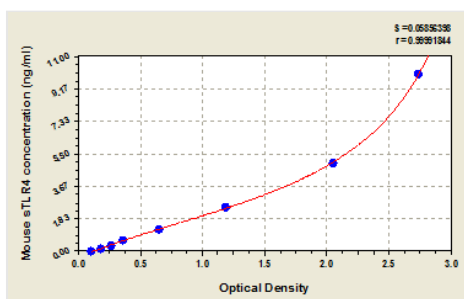
PRODUCT SYNONYMS

toll-like receptor 4; Mouse Soluble Toll-like Receptor 4; sTLR4 ELISA Kit; TLR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse sTLR4. No significant cross-reactivity or interference between mouse sTLR4 and analogues was observed.
Sequence Length	55
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sTLR4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sTLR4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sTLR4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sTLR4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260401829
NCBI Official Full Name	TLR4

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-receptor-4/80815>