

Rat Toll-like receptor 4, TLR4 ELISA Kit | TLR4 elisa kit

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CATALOG #
AAA41744

REACTIVITY
Rat

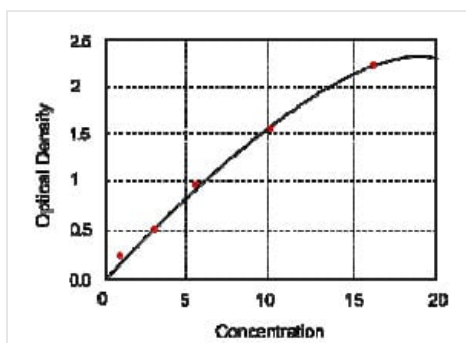
PRODUCT SYNONYMS

Toll-like receptor 4; TLR4; Rat Toll-like receptor 4; TLR4 ELISA Kit; TLR4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	839
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Toll-like Receptor 4 (also known as TLR4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TLR4 antibody. TLR4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TLR4 Antibody is added and binds to TLR4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TLR4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat TLR4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130485689
NCBI GeneID	100009497
NCBI Accession #	NP_001076201.1
NCBI GenBank Nucleotide #	NM_001082732.2
NCBI Official Full Name	toll-like receptor 4
NCBI Official Symbol	TLR4
NCBI Protein Information	toll-like receptor 4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/toll-like-receptor-4-trlr4/41744>