

Rat Toll-like receptor 4 ELISA Kit | Tlr4 elisa kit

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CATALOG #
AAA191034

REACTIVITY
Rat

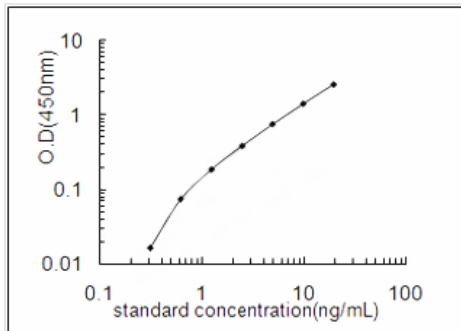
PRODUCT SYNONYMS

Toll-like receptor 4; Rat Toll-like receptor 4 ELISA Kit; Toll4; Tlr4; CD284; Tlr4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	835
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.1%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tlr4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25742799
NCBI GeneID	29260
NCBI Accession #	NP_062051.1
NCBI GenBank Nucleotide #	NM_019178.1
UniProt Accession #	Q9QX05
Molecular Weight	96,072 Da
NCBI Official Full Name	toll-like receptor 4
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	Tlr4
NCBI Protein Information	toll-like receptor 4
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	Tlr4
UniProt Synonym Gene Names	Toll4
UniProt Entry Name	TLR4_RAT

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-rat-elisa-kits/toll-like-receptor-4/191034>