

Rat Toll-like receptor 2 (TLR-2) ELISA Kit | TLR-2 elisa kit

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CATALOG #
AAA121191

REACTIVITY
Rat

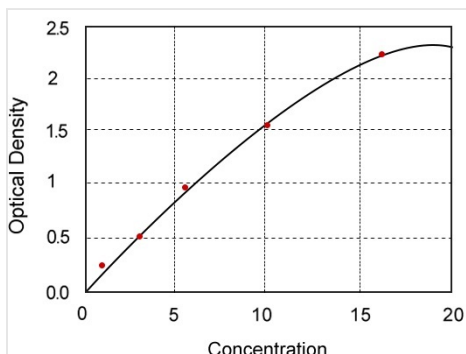
PRODUCT SYNONYMS

Toll-like receptor 2 (TLR-2); Rat Toll-like receptor 2 (TLR-2) ELISA Kit; TLR-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	784
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
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 TLR-2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Toll-like Receptor 2 (also known as TLR-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TLR-2 antibody. TLR-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TLR-2 Antibody is added and binds to TLR-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TLR-2 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 TLR-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	550821861
NCBI GeneID	100860747
NCBI Accession #	NP_001272532.1
NCBI GenBank Nucleotide #	NM_001285603.1
UniProt Accession #	Q0GC71
Molecular Weight	90,067 Da
NCBI Official Full Name	toll-like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TLR-2
NCBI Protein Information	toll-like receptor 2
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2

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/rat-elisa-kits/toll-like-receptor-2-tlr-2/121191>