

Human Toll-like receptor 7, TLR7 ELISA Kit | TLR7 elisa kit

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CATALOG #
AAA11190

REACTIVITY
Human

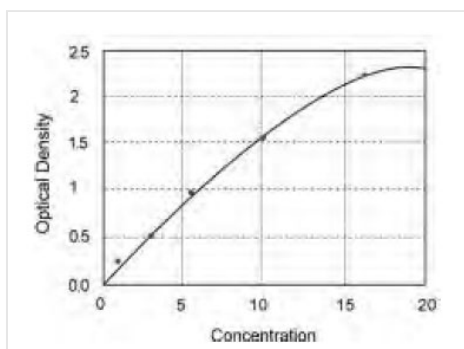
PRODUCT SYNONYMS

Toll-like receptor 7; TLR7; Human Toll-like receptor 7; TLR7 ELISA Kit; TLR7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1059
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-3500ng/L
Sensitivity	5.32ng/L
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 TLR7 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TLR7 antibody. TLR7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TLR7 Antibody is added and binds to TLR7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TLR7 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 Human TLR7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Toll-like receptor 7 (also known as TLR7) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58696433
NCBI GeneID	418638
NCBI Accession #	NP_001011688.1
NCBI GenBank Nucleotide #	NM_001011688.2
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll like receptor 7
NCBI Official Symbol	TLR7
NCBI Protein Information	toll-like receptor 7

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/human-elisa-kits/toll-like-receptor-7-tlr7/11190>