

Human Toll-like receptor 5 ELISA Kit | TLR5 elisa kit

Human Toll-like receptor 5 ELISA Kit

CATALOG #
AAA191098

REACTIVITY
Human

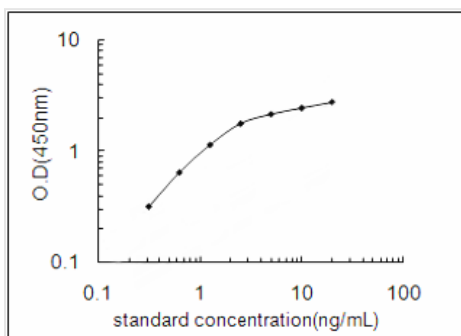
PRODUCT SYNONYMS

Toll-like receptor 5; Human Toll-like receptor 5 ELISA Kit; Toll/interleukin-1 receptor-like protein 3; TLR5; TIL3; TLR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Toll-like receptor 5. No significant cross-reactivity or interference was observed.
Sequence Length	858
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.078ng/mL
Intra-Assay CV	<=7.1%
Inter-Assay CV	<=9.6%
Recovery	101%
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 TLR5 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Toll-like receptor 5 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Toll-like receptor 5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Toll-like receptor 5 and 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 Toll-like receptor 5, 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 +/- 2 nm. The concentration of Toll-like receptor 5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16751843
NCBI GeneID	7100
NCBI Accession #	NP_003259.2
NCBI GenBank Nucleotide #	NM_003268.5
UniProt Accession #	O60602; O15456; Q32MI2; Q32MI3; B1AZ05; B3Y633; B9VJ63; D1CS80; D3DTB8
Molecular Weight	97,834 Da
NCBI Official Full Name	toll-like receptor 5
NCBI Official Synonym Full Names	toll like receptor 5
NCBI Official Symbol	TLR5
NCBI Official Synonym Symbols	SLE1; TIL3; SLEB1; MELIOS
NCBI Protein Information	toll-like receptor 5
UniProt Protein Name	Toll-like receptor 5
UniProt Gene Name	TLR5
UniProt Synonym Gene Names	TIL3
UniProt Entry Name	TLR5_HUMAN

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://stage.aaabiotech.com/tlr5-human-elisa-kits/toll-like-receptor-5/191098>