

Human Toll-like receptor 9 ELISA Kit | TLR9 elisa kit

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CATALOG #
AAA195668

REACTIVITY
Human

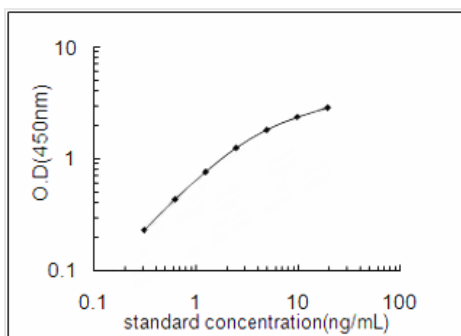
PRODUCT SYNONYMS

Toll-like receptor 9; Human Toll-like receptor 9 ELISA Kit; TLR9; UNQ5798/PRO19605; CD289; TLR9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Toll-like receptor 9. No significant cross-reactivity or interference was observed.
Sequence Length	1032
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.17 ng/mL
Intra-Assay CV	<=6.7%
Inter-Assay CV	<=10.3%
Recovery	114%
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 TLR9 elisa kit	Intended Uses This immunoassay kit allows for the in vitro quantitative determination of human Toll-like receptor 9 concentrations in serum, Plasma, Urine,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 9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for Toll-like receptor 9 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 9, 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 9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8394456
NCBI GeneID	54106
NCBI Accession #	NP_059138.1
NCBI GenBank Nucleotide #	NM_017442.3
UniProt Accession #	Q9NR96; Q6UVZ2; Q9HD68; Q9HD69; Q9HD70; Q9NYC2; Q9NYC3; B3Y661; D1CS56
Molecular Weight	114,237 Da
NCBI Official Full Name	toll-like receptor 9
NCBI Official Synonym Full Names	toll like receptor 9
NCBI Official Symbol	TLR9
NCBI Official Synonym Symbols	CD289
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	TLR9
UniProt Entry Name	TLR9_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.

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Online datasheet: <https://stage.aaabiotech.com/tlr9-human-elisa-kits/toll-like-receptor-9/195668>