

Human Toll-like receptor 10 ELISA Kit | TLR10 elisa kit

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CATALOG #
AAA57382

REACTIVITY
Human

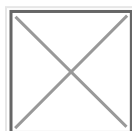
PRODUCT SYNONYMS

Toll-like receptor 10; Human Toll-like receptor 10 ELISA Kit; TLR10; UNQ315/PRO358; CD290; TLR10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Toll-like receptor 10. No significant cross-reactivity or interference was observed.
Sequence Length	811
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39 pg/mL
Intra-Assay CV	<=8.3%
Inter-Assay CV	<=9.5%
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 TLR10 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Toll-like receptor 10 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 10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Toll-like receptor 10 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 10, 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 10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865621
NCBI GeneID	81793
NCBI Accession #	NP_001017388.1
NCBI GenBank Nucleotide #	NM_001017388.2
UniProt Accession #	Q9BXR5; Q32MI7; Q32MI8; Q5FWG4; Q6UXL3; A8K7L1; B3Y668; D1CS21; D1CS22
Molecular Weight	94,564 Da
NCBI Official Full Name	toll-like receptor 10 isoform a
NCBI Official Synonym Full Names	toll like receptor 10
NCBI Official Symbol	TLR10
NCBI Official Synonym Symbols	CD290
NCBI Protein Information	toll-like receptor 10
UniProt Protein Name	Toll-like receptor 10
UniProt Gene Name	TLR10
UniProt Entry Name	TLR10_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/tlr10-human-elisa-kits/toll-like-receptor-10/57382>