

Human Toll-like receptor 6 ELISA Kit | TLR6 elisa kit

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CATALOG #
AAA194866

REACTIVITY
Human

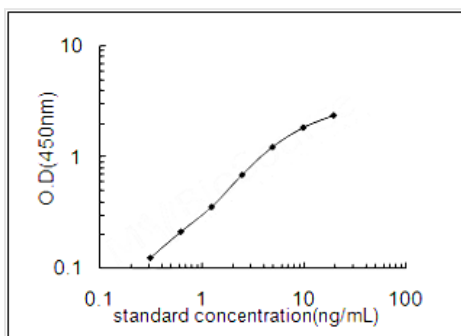
PRODUCT SYNONYMS

Toll-like receptor 6; Human Toll-like receptor 6 ELISA Kit; TLR6; CD286; TLR6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanToll-like receptor 6. No significant cross-reactivity or interference was observed.
Sequence Length	796
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.159 ng/mL
Intra-Assay CV	<=8.4%
Inter-Assay CV	<=10.1%
Recovery	102%
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 TLR6 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Toll-like receptor 6 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 6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Toll-like receptor 6 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 6, 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 6 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 #	20143971
NCBI GeneID	10333
NCBI Accession #	NP_006059.2
NCBI GenBank Nucleotide #	NM_006068.4
UniProt Accession #	Q9Y2C9; Q2NKL3; B3Y640; B6CH35; B6RFS4; B6RFS5
Molecular Weight	55,828 Da
NCBI Official Full Name	toll-like receptor 6
NCBI Official Synonym Full Names	toll like receptor 6
NCBI Official Symbol	TLR6
NCBI Official Synonym Symbols	CD286
NCBI Protein Information	toll-like receptor 6
UniProt Protein Name	Toll-like receptor 6
UniProt Gene Name	TLR6
UniProt Entry Name	TLR6_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.