

Human TLR3 ELISA Kit | TLR3 elisa kit

Human TLR3 PicoKine ELISA Kit

CATALOG #
AAA45203

REACTIVITY
Human

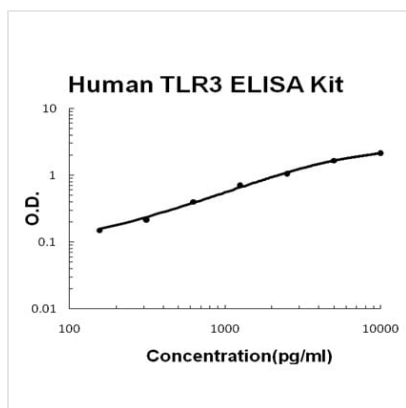
PRODUCT SYNONYMS

TLR3; Human TLR3 PicoKine ELISA Kit; Toll-like receptor 3; toll-like receptor 3; CD_antigen=CD283; CD283; IIAE2; Toll like receptor 3; TLR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TLR3
Sequence Length	627
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Quantitative Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
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.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human TLR3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TLR3 elisa kit	Principle of the Assay: The human TLR3 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TLR3 has been precoated onto 96-well plates. Standards (Expression system for standard: NSO, Immunogen sequence: K27-S711) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TLR3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human TLR3 amount of sample captured in plate. Background: Toll-like receptor 3 (TLR3) also known as C0283 (cluster of differentiation 283) is a protein that in humans is encoded by the TLR3 gene. The TLR3 gene was mapped to chromosome 4q35 by fluorescence in situ hybridization. TLR3 specifically recognizes double-stranded RNA (dsRNA) and induces multiple intracellular events responsible for innate antiviral immunity against a number of viral infections.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	7098
UniProt Accession #	E6Y0F1; Q4VAL2; Q504W0; B2RAI7; B7Z7K0; E6Y0F0; E9PGH4; O15455
Molecular Weight	72,937 Da
NCBI Official Synonym Full Names	toll-like receptor 3
NCBI Official Symbol	TLR3
NCBI Official Synonym Symbols	CD283; IIAE2
NCBI Protein Information	toll-like receptor 3
UniProt Protein Name	Toll-like receptor 3
UniProt Gene Name	TLR3
UniProt Entry Name	TLR3_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.