

Human Toll-Like Receptor 10 (TLR10) ELISA Kit | TLR10 elisa kit

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CATALOG #
AAA330535

REACTIVITY
Human

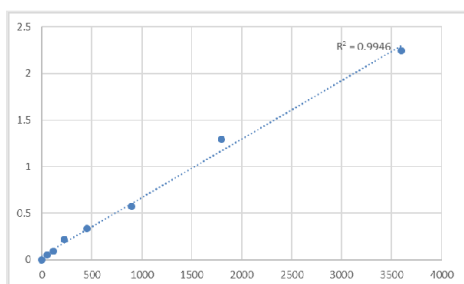
PRODUCT SYNONYMS

Toll-Like Receptor 10 (TLR10); Human Toll-Like Receptor 10 (TLR10) ELISA Kit; TLR10; CD290; MGC104967; MGC126398; MGC126399; TLR10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Toll-like receptor 10 (TLR10) ELISA Kit has high sensitivity and excellent specificity for detection of Human TLR10. No significant cross-reactivity or interference between Human TLR10 and analogues was observed.
Sequence Length	811
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Toll-like receptor 10 (TLR10) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TLR10 elisa kit	Description: This Human Toll-like receptor 10 (TLR10) ELISA Kit employs a two-site sandwich ELISA to quantitate TLR10 in samples. An antibody specific for TLR10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TLR10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TLR10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TLR10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Toll-like receptor 10 is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Its exact function is not known. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37181720
NCBI GeneID	81793
UniProt Accession #	Q9BXR5
NCBI Official Full Name	TLR10
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.