

Mouse Toll-Like Receptor 8 (TLR8) ELISA Kit | TLR8 elisa kit

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CATALOG #
AAA332220

REACTIVITY
Mouse

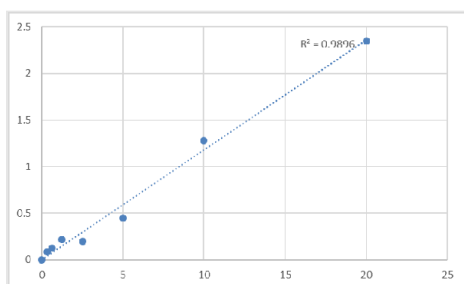
PRODUCT SYNONYMS

Toll-Like Receptor 8 (TLR8); Mouse Toll-Like Receptor 8 (TLR8) ELISA Kit; TLR8; CD288; MGC119599; MGC119600; TLR8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Toll-like receptor 8 (TLR8) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TLR8. No significant cross-reactivity or interference between Mouse TLR8 and analogues was observed.
Sequence Length	1032
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. Mouse Toll-like receptor 8 (TLR8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TLR8 elisa kit	Description: This Mouse Toll-like receptor 8 (TLR8) ELISA Kit employs a two-site sandwich ELISA to quantitate TLR8 in samples. An antibody specific for TLR8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TLR8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TLR8 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 TLR8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Toll-like receptor 8 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 predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. TLR8 recognises G-rich oligonucleotides.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723495
NCBI GeneID	170744
NCBI Accession #	NP_573475.2
NCBI GenBank Nucleotide #	NP_573475.2
UniProt Accession #	P58682
NCBI Official Full Name	toll-like receptor 8 isoform 1
NCBI Official Synonym Full Names	toll-like receptor 8
NCBI Official Symbol	Tlr8
NCBI Protein Information	toll-like receptor 8
UniProt Protein Name	Toll-like receptor 8
UniProt Gene Name	Tlr8
UniProt Entry Name	TLR8_MOUSE

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.