

Mouse Toll-like receptor 8 (TLR8) ELISA Kit | TLR8 elisa kit

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CATALOG #
AAA190401

REACTIVITY
Mouse

PRODUCT SYNONYMS

Toll-like receptor 8 (TLR8); Mouse Toll-like receptor 8 (TLR8) ELISA Kit; CD288; MGC119599; MGC119600; TLR8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TLR8. No significant cross-reactivity or interference between Mouse TLR8 and analogues was observed.
Assay Type	Quantitive Sandwich
Samples	Serum, Plasma, Other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.156ng/mL
Detection Wavelength	450nm
Assay Duration	1-4.5h
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Sample Volume	1-200uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV
Test Principle	This assay 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.
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723495
NCBI GeneID	170744
NCBI Accession #	NP_573475.2
NCBI GenBank Nucleotide #	NM_133212.2
UniProt Accession #	P58682; Q91XI7; A2AH19

Molecular Weight	119,358 Da
NCBI Official Full Name	toll-like receptor 8
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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/toll-like-receptor-8-tlr8/190401>