

Human Toll Like Receptor 3 (TLR-3) ELISA Kit | TLR-3 elisa kit

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CATALOG #
AAA54338

REACTIVITY
Human

PRODUCT SYNONYMS

Toll Like Receptor 3 (TLR-3); Human Toll Like Receptor 3 (TLR-3) ELISA Kit; TLR-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1117
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TLR-3 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human TLR-3 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	442621287
NCBI GeneID	43222
NCBI Accession #	NP_001262995.1
NCBI GenBank Nucleotide #	NM_001276066.2
Molecular Weight	124,656 Da
NCBI Official Full Name	toll, isoform C
NCBI Official Synonym Full Names	Toll
NCBI Official Symbol	TL
NCBI Official Synonym Symbols	CG5490; CT17414; DmelCG5490; dToll; dToll1; EP(3)1051; EP1051; Fs(1)TL; Fs(3)TL; mat(3)9; mel(3)10; mel(3)9; T1; tl; TL; TOL; toll; toll-1; Toll-1; Toll1

NCBI Protein Information	CG5490 gene product from transcript CG5490-RB; CG5490-PB; CG5490-PC; CG5490-PD; EP1051; TI-PB; TI-PC; TI-PD; Toll-1; protein toll precursor; toll receptor
UniProt Protein Name	Protein toll
UniProt Gene Name	TI
UniProt Synonym Gene Names	CG5490
UniProt Entry Name	TOLL_DROME

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/human-elisa-kits/toll-like-receptor-3-tlr-3/54338>