

Human TLR4 (Toll-Like Receptor 4) CLIA Kit | TLR4 clia kit

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CATALOG #
AAA170916

REACTIVITY
Human

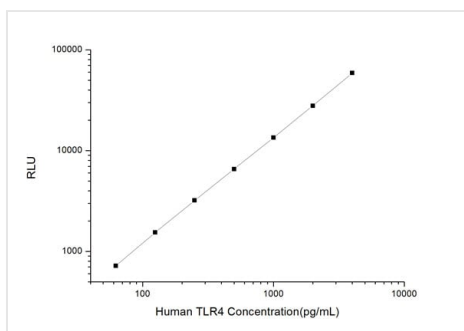
PRODUCT SYNONYMS

TLR4 (Toll-Like Receptor 4); Human TLR4 (Toll-Like Receptor 4) CLIA Kit; TLR-4; ARMD10; CD284; TOLL; hToll; TLR4 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant TLR4. No significant cross-reactivity or interference between TLR4 and analogues was observed.
Sequence Length	839
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR4 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TLR4 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TLR4. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TLR4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TLR4, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TLR4. You can calculate the concentration of TLR4 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924149
NCBI GeneID	7099
NCBI Accession #	NP_612564.1
NCBI GenBank Nucleotide #	NM_138554.4
Molecular Weight	73,301 Da
NCBI Official Full Name	toll-like receptor 4 isoform A
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	TLR4
NCBI Official Synonym Symbols	TOLL; CD284; TLR-4; ARMD10
NCBI Protein Information	toll-like receptor 4
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	TLR4
UniProt Entry Name	TLR4_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.

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Online datasheet: <https://www.aaabiotech.com/human-clia-kits/tlr4-toll-like-receptor-4/170916>