

Chicken Toll Like Receptor2 ELISA Kit | TLR2 elisa kit

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CATALOG #
AAA93544

REACTIVITY
Chicken

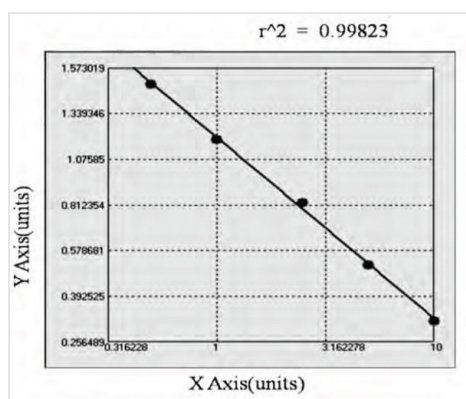
PRODUCT SYNONYMS

Toll Like Receptor2; Chicken Toll Like Receptor2 ELISA Kit; TLR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TLR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TLR2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR2 elisa kit

Principle of the Assay: TLR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TLR2 antibody and an TLR2-HRP conjugate. The assay sample and buffer are incubated together with TLR2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TLR2 concentration since TLR2 from samples and TLR2-HRP conjugate compete for the anti-TLR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TLR2 from the sample, fewer sites are left to bind TLR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TLR2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718734
NCBI GeneID	7097
NCBI Accession #	NP_003255.2
NCBI GenBank Nucleotide #	NM_003264.3
UniProt Accession #	O60603; O15454; Q8NI00; B3Y612
Molecular Weight	89,838 Da
NCBI Official Full Name	toll-like receptor 2
NCBI Official Synonym Full Names	toll-like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TIL4; CD282
NCBI Protein Information	toll-like receptor 2; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2
UniProt Synonym Gene Names	TIL4
UniProt Entry Name	TLR2_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.