

Sheep Toll Like Receptor2 ELISA Kit | TLR2 elisa kit

Sheep Toll Like Receptor2 ELISA Kit

CATALOG #
AAA89857

REACTIVITY
Sheep

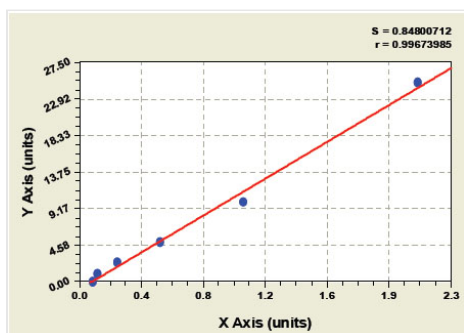
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR2 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This TLR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TLR2. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY TLR2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TLR2. Standards or samples are then added to the microtiter plate wells and TLR2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TLR2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TLR2 are added to each well to "sandwich" the TLR2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TLR2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.
Product Categories/Family for TLR2 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	19718734
NCBI GeneID	7097
NCBI Accession #	NP_003255.2
NCBI GenBank Nucleotide #	NM_003264.3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tlr2-sheep-elisa-kits/toll-like-receptor2/89857>