

Bovine Toll-like receptor 9 ELISA Kit | TLR-9 elisa kit

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CATALOG #
AAA93602

REACTIVITY
Bovine

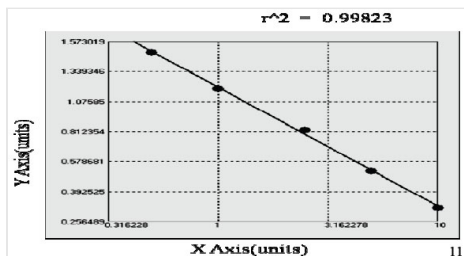
PRODUCT SYNONYMS

Toll-like receptor 9; Bovine Toll-like receptor 9 ELISA Kit; TLR-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TLR-9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TLR-9. 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 TLR-9 elisa kit

Principle of the Assay: TLR-9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TLR-9 antibody and an TLR-9-HRP conjugate. The assay sample and buffer are incubated together with TLR-9-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 TLR-9 concentration since TLR-9 from samples and TLR-9-HRP conjugate compete for the anti-TLR-9 antibody binding site. Since the number of sites is limited, as more sites are occupied by TLR-9 from the sample, fewer sites are left to bind TLR-9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TLR-9 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TLR-9 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	73698236
NCBI GeneID	100009693
NCBI Official Full Name	TLR-9
NCBI Official Symbol	TLR9
NCBI Protein Information	toll-like receptor 9

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://stage.aaabiotech.com/tlr-9-bovine-ovine-elisa-kits/toll-like-receptor-9/93602>