

Cattle TLR2 (Toll-like Receptor 2) ELISA Kit | TLR2 elisa kit

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CATALOG #
AAA276023

REACTIVITY
Cattle

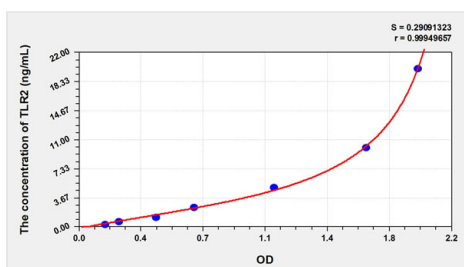
PRODUCT SYNONYMS

TLR2 (Toll-like Receptor 2); Cattle TLR2 (Toll-like Receptor 2) ELISA Kit; CD282; TIL4; Toll/interleukin-1 receptor-like protein 4; TLR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Specificity	This assay has high sensitivity and excellent specificity for detection of Cattle TLR2. No significant cross-reactivity or interference between Cattle TLR2 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLR2 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Toll-like Receptor 2(TLR2). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Toll-like Receptor 2(TLR2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Toll-like Receptor 2(TLR2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Toll-like Receptor 2(TLR2) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TLR2 elisa kit

[Tumor immunity](#); [Infection immunity](#); [Immune molecule](#); [Pulmonology](#)

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/cat-cattle-elisa-kits/tlr2-toll-like-receptor-2/276023>