

Sheep sCD14 ELISA Kit | Scd14 elisa kit

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CATALOG #
AAA16722

REACTIVITY
Sheep

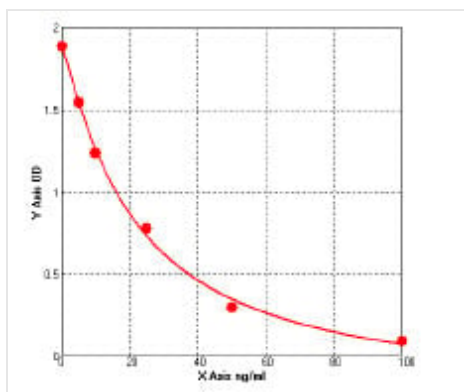
PRODUCT SYNONYMS

sCD14; Sheep sCD14 ELISA Kit; Scd14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sCD14. No significant cross-reactivity or interference between sCD14 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sCD14 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Scd14 elisa kit	Intended Uses: This sCD14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep sCD14. This ELISA kit for research use only! Principle of the Assay: sCD14 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-sCD14 antibody and an sCD14-HRP conjugate. The assay sample and buffer are incubated together with sCD14-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 sCD14 concentration since sCD14 from samples and sCD14-HRP conjugate compete for the anti-sCD14 antibody binding site. Since the number of sites is limited, as more sites are occupied by sCD14 from the sample, fewer sites are left to bind sCD14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD14 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Scd14 elisa kit	Immunology

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/sheep-elisa-kits/scd14/16722>