

Bovine Soluble CD44s ELISA Kit | sCD44s elisa kit

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CATALOG #
AAA91665

REACTIVITY
Bovine

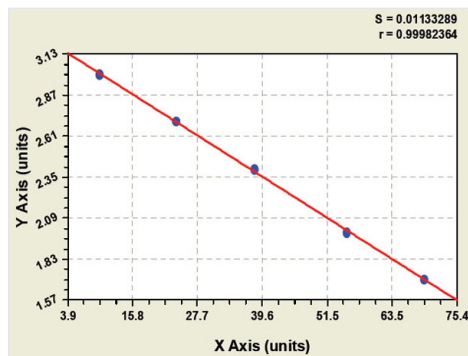
PRODUCT SYNONYMS

Soluble CD44s; Bovine Soluble CD44s ELISA Kit; sCD44s elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This sCD44s ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine sCD44s. 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 sCD44s elisa kit

Principle of the Assay: sCD44s ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-sCD44s antibody and an sCD44s-HRP conjugate. The assay sample and buffer are incubated together with sCD44s-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 sCD44s concentration since sCD44s from samples and sCD44s-HRP conjugate compete for the anti-sCD44s antibody binding site. Since the number of sites is limited, as more sites are occupied by sCD44s from the sample, fewer sites are left to bind sCD44s-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD44s concentration in each sample is interpolated from this standard curve.

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/scd44s-bovine-ovine-elisa-kits/soluble-cd44s/91665>