

Human Soluble CD36 ELISA Kit | sCD36 elisa kit

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CATALOG #
AAA17226

REACTIVITY
Human

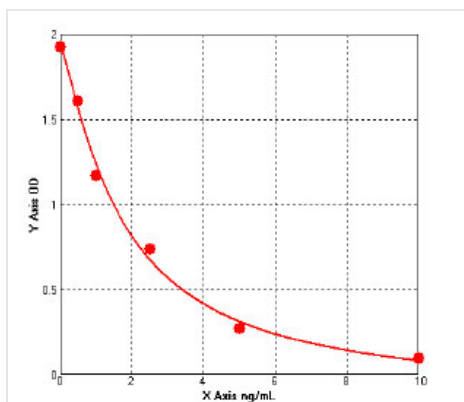
PRODUCT SYNONYMS

Soluble CD36; Human Soluble CD36 ELISA Kit; sCD36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of sCD36. No significant cross-reactivity or interference between sCD36 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sCD36 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD36 elisa kit	Intended Uses: This sCD36 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumansCD36. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: sCD36 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-sCD36 antibody and an sCD36-HRP conjugate. The assay sample and buffer are incubated together with sCD36-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 sCD36 concentration since sCD36 from samples and sCD36-HRP conjugate compete for the anti-sCD36 antibody binding site. Since the number of sites is limited, as more sites are occupied by sCD36 from the sample, fewer sites are left to bind sCD36-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD36 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for sCD36 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://www.aaabiotech.com/scd36-human-elisa-kits/soluble-cd36/17226>