

Human Soluble Cluster Of Differentiation 80 ELISA Kit | sCD80 elisa kit

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CATALOG #
AAA95884

REACTIVITY
Human

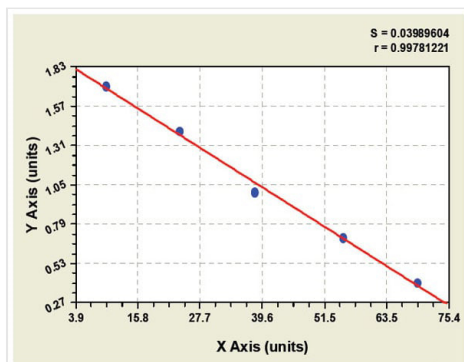
PRODUCT SYNONYMS

Soluble Cluster Of Differentiation 80; Human Soluble Cluster Of Differentiation 80 ELISA Kit; sCD80 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD80 elisa kit

Principle of the assay: sCD80 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-sCD80 antibody and an sCD80-HRP conjugate. The assay sample and buffer are incubated together with sCD80-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 sCD80 concentration since sCD80 from samples and sCD80-HRP conjugate compete for the anti-sCD80 antibody binding site. Since the number of sites is limited, as more sites are occupied by sCD80 from the sample, fewer sites are left to bind sCD80-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD80 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for sCD80 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/scd80-human-elisa-kits/soluble-cluster-of-differentiation-80/95884>