Human Soluble CD 44v9 ELISA Kit | SCD44V9 elisa kit

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CATALOG #	REACTIVITY
AAA87703	**Human**

PRODUCT SYNONYMS

Soluble CD 44v9; Human Soluble CD 44v9 ELISA Kit; SCD44V9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This sCD44V9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human sCD44V9. 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 SCD44V9 elisa kit	**Principle of the Assay:** sCD44V9 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for sCD44V9. Standards or samples are then added to the microtiter plate wells and sCD44V9 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of sCD44V9 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for sCD44V9 are added to each well to "sandwich" the sCD44V9 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain sCD44V9 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD44V9 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SCD44V9 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.