

sCD40L elisa kit

sCD40L ELISA Kit

CATALOG #
AAA72666

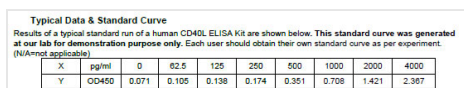
PRODUCT SYNONYMS

sCD40L; sCD40L ELISA Kit; CD154; sCD40L elisa kit

PRODUCT SPECIFICATIONS

Samples	Human Serum, Body Fluids, Tissue Lysates Or Cell Culture Supernatants
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 1 pg/ml
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD40L elisa kit

Intended Uses: The CD40 ELISA has been designed for the precise measurement of CD40 in human serum, body fluids, tissue lysates or cell culture supernatants. For research use only.

Principle of the Assay: This kit is based on a sandwich enzyme-linked immune-sorbent assay technology. An analyte-specific polyclonal antibody is pre-coated onto 96-well plates. The biotin conjugated second antibody is used as detection antibody. During the first incubation the standards and samples react with the analyte-specific pre-coated antibody. In a second incubation the biotin conjugated detection antibody completes the sandwich. After washing with wash buffer the TMB substrate is added to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changes into yellow after adding acidic stop solution. The optical density of the yellow color is proportional to the analyte captured in plate. Read the O.D. absorbance at 450nm in a microtiterplate reader, and calculate the concentration of the analyte in the sample by taking into consideration the dilution factor of the sample!!
Background/Introduction: CD40 is a costimulatory protein found on antigen presenting cells and is required for their activation. It is expressed on the surface of all mature B cells. This protein receptor is a member of the TNF-receptor superfamily. It has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis.

Product Categories/Family for sCD40L elisa kit

Cytokines & Cell Signalling; Research Assays; Assay Categories

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.