

Human sCD40L ELISA Kit | sCD40L elisa kit

sCD40L Human ELISA Kit

CATALOG # AAA58893	REACTIVITY Human	APPLICATIONS ELISA
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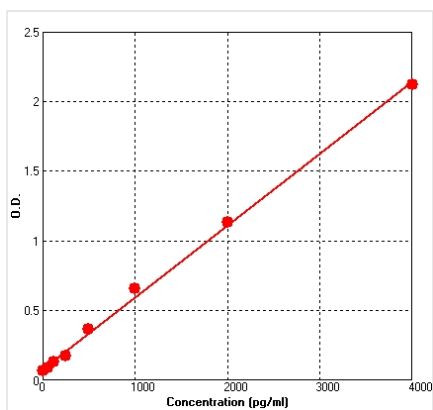
PRODUCT SYNONYMS

sCD40L; SCD40L Human ELISA Kit; Human sCD40L; sCD40L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15pg/ml
Applicable Applications for sCD40L elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD40L elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PCadherin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CD40L polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CD40L amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD40L can be calculated. Background: CD40L, also called CD154, is a 261 amino acids protein is a member of the TNF superfamily of molecules. It is primarily expressed on activated T cells but is also found in a soluble form. It binds to CD40 on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. In general, CD40L plays the role of a costimulatory molecule and induces activation in APC in association with T cell receptor stimulation by MHC molecules on the APC. In total CD40L has three binding partners: CD40, alpha5beta1 integrin and alpha11beta3.
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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/human-elisa-kits/scd40l/58893>