

Human sCD40L ELISA Kit | sCD40L elisa kit

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CATALOG #
AAA281333

REACTIVITY
Human

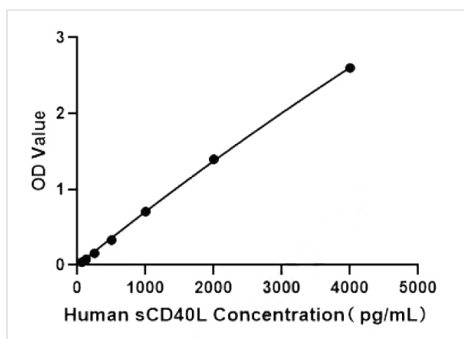
PRODUCT SYNONYMS

sCD40L; Human sCD40L ELISA Kit; sCD40L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human sCD40L. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity. No significant cross-reactivity was observed with the following: Recombinant human: ANG AR BDNF CD4 CD40 CNTF CT-1 CTLA-4 Epo Fas CDNF GTR OPG OSM Note: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sCD40L and all the analogues, therefore, cross reaction may still exist.
Sequence Length	261
Assay Type	Quantitative Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	< 31.25pg/mL
Intra-assay Precision	Intra-plate Precision The three samples with known concentrations were repeated 20 times on the same board to calculate the coefficient of variation (CV) for the concentrations. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision The coefficient of variation (CV) of three known concentrations was calculated by 20 tests of two kits on each of the three samples. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD40L elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of sCD40L in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human sCD40L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD40L present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-conjugated detection antibody specific for human sCD40L is added to the wells. After incubating, an enzyme-linked streptavidin is added and binds to biotin. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sCD40L bound in the initial step. The color development is stopped, and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557433
NCBI GeneID	959
NCBI Accession #	NP_000065.1
NCBI GenBank Nucleotide #	NM_000074.2
UniProt Accession #	P29965
Molecular Weight	29,274 Da
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Official Synonym Symbols	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
NCBI Protein Information	CD40 ligand
UniProt Protein Name	CD40 ligand
UniProt Gene Name	CD40LG
UniProt Synonym Gene Names	CD40L; TNFSF5; TRAP; CD40-L; TRAP

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/human-elisa-kits/scd40l/281333>