

Mouse CD40 ligand ELISA Kit | CD40LG elisa kit

Mouse Soluble Cluster of differentiation 40 ligand, sCD40L ELISA Kit

CATALOG #
AAA79547

REACTIVITY
Mouse

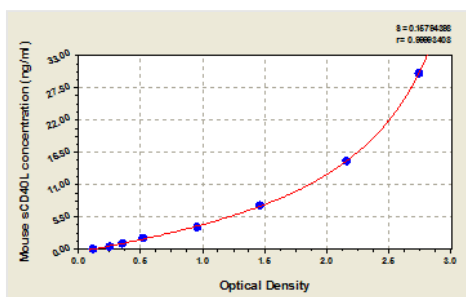
PRODUCT SYNONYMS

CD40 ligand; Mouse Soluble Cluster of differentiation 40 ligand; sCD40L ELISA Kit; RP3-527F8.3; CD154; CD40L; HIGM1; IGM; IMD3; T-BAM; TNFSF5; TRAP; gp39; hCD40L; CD40 antigen ligand; T-B cell-activating molecule; TNF-related activation protein; tumor necrosis factor (ligand) superfa; CD40LG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CD40LG. No significant cross-reactivity or interference between Mouse CD40LG and analogues was observed.
Sequence Length	260
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD40LG elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to sCD40L. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for sCD40L and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5'-tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain sCD40L, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2nm. The concentration of sCD40L in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15011846
NCBI GeneID	21947
NCBI Accession #	NP_035746.2
NCBI GenBank Nucleotide #	NM_011616.2
UniProt Accession #	P27548
Molecular Weight	29,370 Da
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	Cd40lg
NCBI Official Synonym Symbols	IGM; IMD3; Ly62; TRAP; gp39; CD154; Cd40l; HIGM1; Ly-62; T-BAM; CD40-L; Tnfsf5
NCBI Protein Information	CD40 ligand; T-cell antigen Gp39; TNF-related activation protein; tumor necrosis factor ligand superfamily member 5
UniProt Protein Name	CD40 ligand
UniProt Gene Name	Cd40lg
UniProt Synonym Gene Names	Cd40l; Tnfsf5; CD40-L; TRAP
UniProt Entry Name	CD40L_MOUSE

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/cd40lg-mouse-elisa-kits/cd40-ligand/79547>