

Rabbit Cluster Of Differentiation 40 Ligand (CD40L) ELISA Kit | CD40L elisa kit

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CATALOG #
AAA149009

REACTIVITY
Rabbit

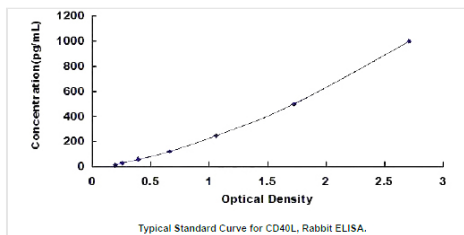
PRODUCT SYNONYMS

Cluster Of Differentiation 40 Ligand (CD40L); Rabbit Cluster Of Differentiation 40 Ligand (CD40L) ELISA Kit; CD154; TRAP; HIGM1; IGM; IMD3; TBAM; T-BAM; TNFSF5; Gp39; TNF Superfamily Member 5; Hyper-IgM Syndrome; TNF-Related Activation Protein; T-Cell B-Cell Activating Molecule; CD40L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of CD20. No significant cross-reactivity or interference between CD20 and analogues was observed.
Sequence Length	435
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	5.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CD20 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CD20 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD40L elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD20 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CD20. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CD20. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CD20, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CD20 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CD40L elisa kit	Signal transduction; CD & Adhesion molecule; Apoptosis; Tumor immunity; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	1278359216
NCBI Official Full Name	cyclic nucleotide-binding protein

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-elisa-kits/cluster-of-differentiation-40-ligand-cd40l/149009>