

Mouse Cluster Of Differentiation 30 Ligand (CD30L) ELISA Kit | CD30L elisa kit

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CATALOG #
AAA68132

REACTIVITY
Mouse

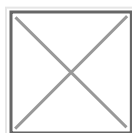
PRODUCT SYNONYMS

Cluster Of Differentiation 30 Ligand (CD30L); Mouse Cluster Of Differentiation 30 Ligand (CD30L) ELISA Kit; CD30L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CD30L. No significant cross-reactivity or interference between CD30L and analogues was observed.
Sequence Length	239
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.032ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CD30L 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 CD30L were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD30L elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD30L in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CD30L. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CD30L. 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 CD30L, 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 CD30L in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678387
NCBI GeneID	21949
NCBI Accession #	NP_033429.1
NCBI GenBank Nucleotide #	NM_009403.3
UniProt Accession #	P32972
Molecular Weight	26,519 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 8
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 8
NCBI Official Symbol	Tnfsf8
NCBI Official Synonym Symbols	CD153; Cd30l; CD30LG; Tnlg3a
NCBI Protein Information	tumor necrosis factor ligand superfamily member 8
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 8
UniProt Gene Name	Tnfsf8
UniProt Synonym Gene Names	Cd30l; Cd30lg; CD30-L

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/mouse-elisa-kits/cluster-of-differentiation-30-ligand-cd30l/68132>