

Canine CD30 Ligand ELISA Kit | CD30L elisa kit

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CATALOG #
AAA89876

REACTIVITY
Canine

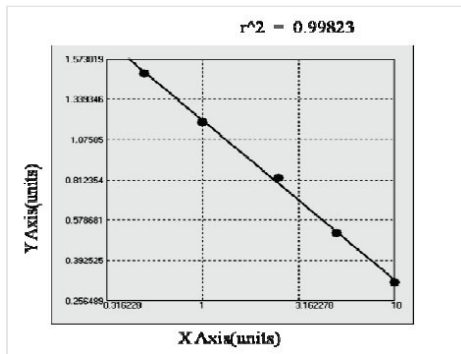
PRODUCT SYNONYMS

CD30 Ligand; Canine CD30 Ligand ELISA Kit; CD30L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD30L elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This CD30L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CD30L. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CD30L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD30L antibody and an CD30L-HRP conjugate. The assay sample and buffer are incubated together with CD30L-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD30L concentration since CD30L from samples and CD30L-HRP conjugate compete for the anti-CD30L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD30L from the sample, fewer sites are left to bind CD30L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD30L concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2815515
NCBI GeneID	944
Molecular Weight	26,017 Da
NCBI Official Full Name	CD30L protein
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 8
NCBI Official Symbol	TNFSF8
NCBI Official Synonym Symbols	CD153; CD30L; CD30LG
NCBI Protein Information	tumor necrosis factor ligand superfamily member 8; CD30-L; CD30 ligand; CD153 antigen; CD30 antigen ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 8
UniProt Gene Name	TNFSF8
UniProt Synonym Gene Names	CD30L; CD30LG; CD30-L
UniProt Entry Name	TNFL8_HUMAN

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/cd30l-canine-elisa-kits/cd30-ligand/89876>