

Canine CD40 ELISA Kit | CD40 elisa kit

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CATALOG #
AAA97562

REACTIVITY
Canine

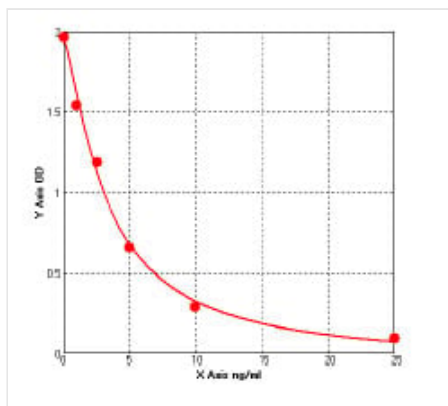
PRODUCT SYNONYMS

CD40; Canine CD40 ELISA Kit; CD40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of CD40. No significant cross-reactivity or interference between CD40 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD40 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This CD40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CD40. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD40 elisa kit	Principle of the Assay: CD40 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD40 antibody and an CD40-HRP conjugate. The assay sample and buffer are incubated together with CD40-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 CD40 concentration since CD40 from samples and CD40-HRP conjugate compete for the anti-CD40 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD40 from the sample, fewer sites are left to bind CD40-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD40 concentration in each sample is interpolated from this standard curve. Intended Uses: This CD40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CD40. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CD40 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	114053977
Molecular Weight	13,158 Da
NCBI Official Full Name	CD40, partial
UniProt Protein Name	CD40
UniProt Entry Name	Q09LL4_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://www.aaabiotech.com/canine-elisa-kits/cd40/97562>