

Bovine CD40 ELISA Kit | CD40 elisa kit

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CATALOG #
AAA97573

REACTIVITY
Bovine

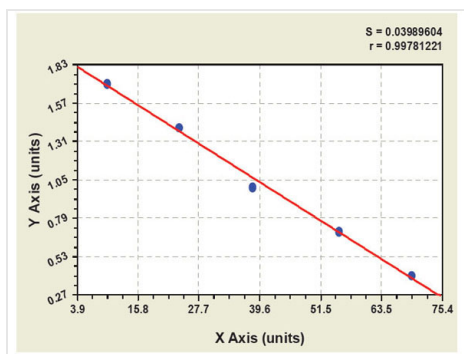
PRODUCT SYNONYMS

CD40; Bovine CD40 ELISA Kit; CD40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
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 monoclonal 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.

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/bovine-ovine-elisa-kits/cd40/97573>