

Human CD41 ELISA Kit | CD41 elisa kit

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CATALOG #
AAA247154

REACTIVITY
Human

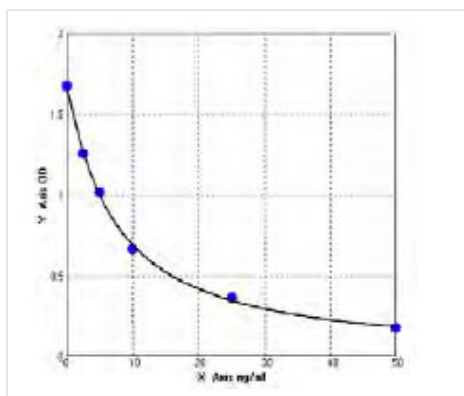
PRODUCT SYNONYMS

CD41; Human CD41 ELISA Kit; CD41 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1034
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD41 elisa kit

Intended Uses: This CD40L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD40L. This ELISA kit for research use only!

Principle of the Assay: CD40L ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CD40L antibody and an CD40L-HRP conjugate. The assay sample and buffer are incubated together with CD40L-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 CD40L concentration since CD40L from samples and CD40L-HRP conjugate compete for the anti-CD40L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD40L from the sample, fewer sites are left to bind CD40L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD40L concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	972818644
Molecular Weight	114,464 Da
NCBI Official Full Name	cd41 antigen
UniProt Protein Name	Cd41 antigen
UniProt Gene Name	cd41

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/human-elisa-kits/cd41/247154>