

Rabbit Cluster of differentiation 19 ELISA Kit | CD19 elisa kit

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CATALOG #
AAA87352

REACTIVITY
Rabbit

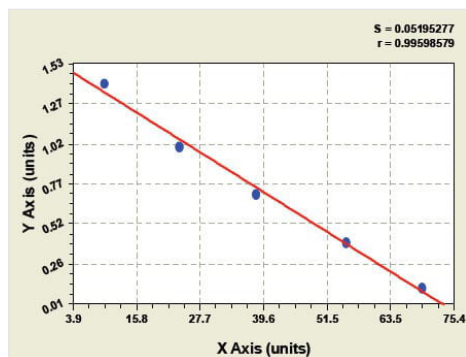
PRODUCT SYNONYMS

Cluster of differentiation 19; Rabbit Cluster of differentiation 19 ELISA Kit; CD19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CD19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CD19. 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 CD19 elisa kit	Principle of the Assay: CD19 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD19 antibody and an CD19-HRP conjugate. The assay sample and buffer are incubated together with CD19-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 CD19 concentration since CD19 from samples and CD19-HRP conjugate compete for the anti-CD19 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD19 from the sample, fewer sites are left to bind CD19-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD19 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CD19 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	901823
NCBI GeneID	930
Molecular Weight	61,200 Da
NCBI Official Full Name	CD19
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3
NCBI Protein Information	B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4
UniProt Protein Name	B-lymphocyte antigen CD19
UniProt Gene Name	CD19
UniProt Entry Name	CD19_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/cd19-rabbit-elisa-kits/cluster-of-differentiation-19/87352>