

Chicken Cluster of differentiation 19 ELISA Kit | CD19 elisa kit

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CATALOG #
AAA92197

REACTIVITY
Chicken

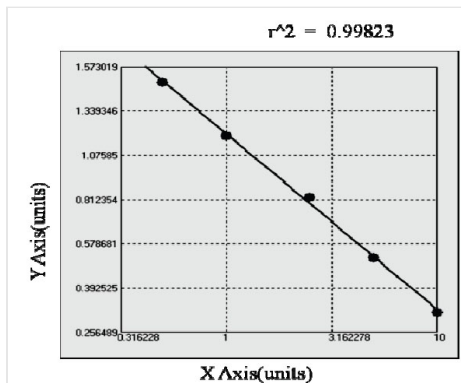
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CD19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken 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.

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.