

Chicken Cluster of differentiation 30 ELISA Kit | CD30 elisa kit

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CATALOG # AAA96545	REACTIVITY Chicken
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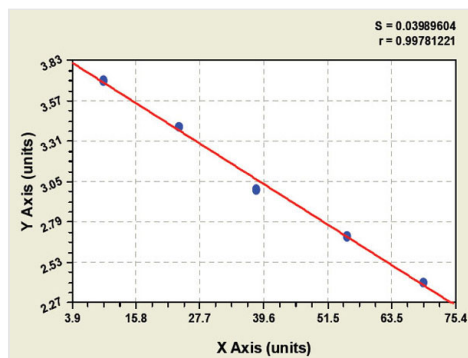
PRODUCT SYNONYMS

Cluster of differentiation 30; Chicken Cluster of differentiation 30 ELISA Kit; CD30 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CD30 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CD30. 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 CD30 elisa kit	Principle of the Assay: CD30 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD30 antibody and an CD30-HRP conjugate. The assay sample and buffer are incubated together with CD30-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 CD30 concentration since CD30 from samples and CD30-HRP conjugate compete for the anti-CD30 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD30 from the sample, fewer sites are left to bind CD30-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD30 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115978
NCBI GeneID	943
Molecular Weight	50,935 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 8
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 8
NCBI Official Symbol	TNFRSF8
NCBI Official Synonym Symbols	CD30; Ki-1; D1S166E
NCBI Protein Information	tumor necrosis factor receptor superfamily member 8; Ki-1 antigen; CD30L receptor; cytokine receptor CD30; lymphocyte activation antigen CD30
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 8
UniProt Gene Name	TNFRSF8
UniProt Synonym Gene Names	CD30; D1S166E
UniProt Entry Name	TNR8_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://stage.aaabiotech.com/cd30-chicken-elisa-kits/cluster-of-differentiation-30/96545>