

Chicken Lymphocyte Antigen 96 ELISA Kit | LY96 elisa kit

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CATALOG #
AAA96015

REACTIVITY
Chicken

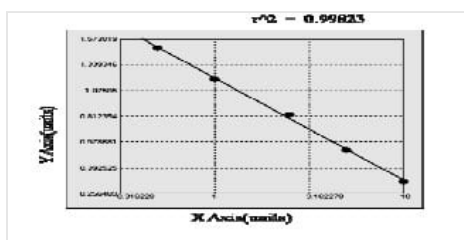
PRODUCT SYNONYMS

Lymphocyte Antigen 96; Chicken Lymphocyte Antigen 96 ELISA Kit; LY96 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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 LY96 elisa kit

Intended Uses: This LAG96 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken LAG96. This ELISA kit for research use only!

Principle of the Assay: LAG96 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LAG96 antibody and an LAG96-HRP conjugate. The assay sample and buffer are incubated together with LAG96-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 LAG96 concentration since LAG96 from samples and LAG96-HRP conjugate compete for the anti-LAG96 antibody binding site. Since the number of sites is limited, as more sites are occupied by LAG96 from the sample, fewer sites are left to bind LAG96-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LAG96 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157279741
NCBI GeneID	100125555

NCBI Accession #	NP_001098426.1
NCBI GenBank Nucleotide #	NM_001104956.1
NCBI Official Full Name	lymphocyte antigen 96
NCBI Official Symbol	LY96
NCBI Official Synonym Symbols	MD-2
NCBI Protein Information	lymphocyte antigen 96

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/ly96-chicken-elisa-kits/lymphocyte-antigen-96/96015>