

Sheep Lymphocyte Antigen 96 ELISA Kit | LY96 elisa kit

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CATALOG #
AAA94925

REACTIVITY
Sheep

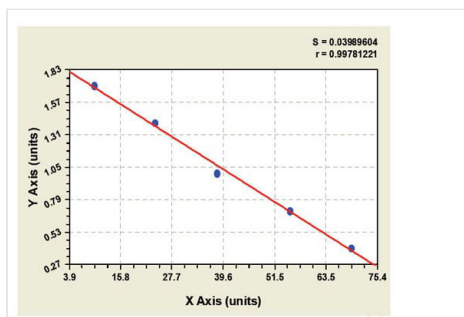
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This LY96 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep LY96. 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 LY96 elisa kit

Principle of the Assay: LY96 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LY96 antibody and an LY96-HRP conjugate. The assay sample and buffer are incubated together with LY96-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 LY96 concentration since LY96 from samples and LY96-HRP conjugate compete for the anti-LY96 antibody binding site. Since the number of sites is limited, as more sites are occupied by LY96 from the sample, fewer sites are left to bind LY96-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LY96 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-sheep-elisa-kits/lymphocyte-antigen-96/94925>