

Human Lymphocyte Antigen 96 ELISA Kit | LY96 elisa kit

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CATALOG #
AAA95424

REACTIVITY
Human

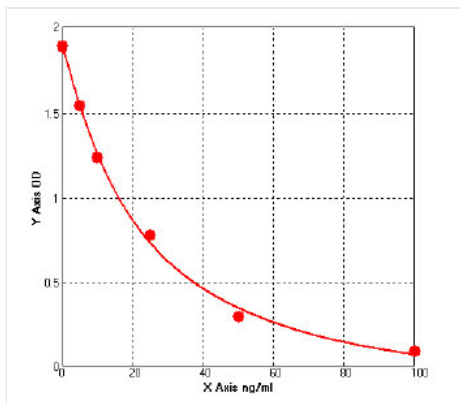
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LY96. No significant cross-reactivity or interference between LY96 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LY96 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 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	Principle of the Assay: LY96 ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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. Intended Uses: This LY96 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LY96. This ELISA kit for research use only, not for therapeutic or test applications!
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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.