

Human Lymphocyte Antigen 96 (LY96) ELISA Kit | LY96 elisa kit

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CATALOG #
AAA64094

REACTIVITY
Human

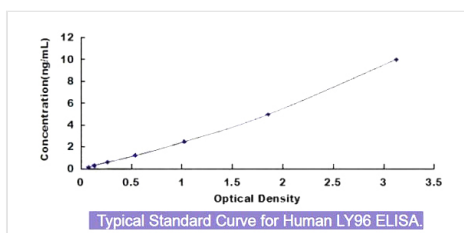
PRODUCT SYNONYMS

Lymphocyte Antigen 96 (LY96); Human Lymphocyte Antigen 96 (LY96) ELISA Kit; MD-2; ESOP1; 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.
Sequence Length	130
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.060ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LY96 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LY96 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LY96 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LY96. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LY96. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LY96, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of LY96 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of LY96 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	307775409
NCBI GeneID	23643
NCBI Accession #	NP_001182726.1
NCBI GenBank Nucleotide #	NM_001195797.1
UniProt Accession #	Q9Y6Y9; B3Y6A5; E5RJJ7
Molecular Weight	14,933 Da
NCBI Official Full Name	lymphocyte antigen 96 isoform 2
NCBI Official Synonym Full Names	lymphocyte antigen 96
NCBI Official Symbol	LY96
NCBI Official Synonym Symbols	MD2; MD-2; ly-96; ESOP-1
NCBI Protein Information	lymphocyte antigen 96
UniProt Protein Name	Lymphocyte antigen 96
UniProt Gene Name	LY96
UniProt Synonym Gene Names	ESOP1; MD2; Ly-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/human-elisa-kits/lymphocyte-antigen-96-ly96/64094>