

Human Lymphocyte Antigen 75 (LY75) ELISA Kit | LY75 elisa kit

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CATALOG #
AAA44073

REACTIVITY
Human

PRODUCT SYNONYMS

Lymphocyte Antigen 75 (LY75); Human Lymphocyte Antigen 75 (LY75) ELISA Kit; LY75 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1722
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.03ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LY75 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Lymphocyte Antigen 75 (also known as LY75) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LY75 antibody. LY75 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LY75 Antibody is added and binds to LY75 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LY75 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LY75. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	144446030
NCBI GeneID	4065
NCBI Accession #	NP_002340.2
NCBI GenBank Nucleotide #	NM_002349.3
UniProt Accession #	O60449; O75913; Q53R46; Q53TF5; Q7Z575; Q7Z577
Molecular Weight	215,781 Da
NCBI Official Full Name	lymphocyte antigen 75
NCBI Official Synonym Full Names	lymphocyte antigen 75
NCBI Official Symbol	LY75
NCBI Official Synonym Symbols	CD205; LY-75; CLEC13B; DEC-205; GP200-MR6
NCBI Protein Information	lymphocyte antigen 75
UniProt Protein Name	Lymphocyte antigen 75
UniProt Gene Name	LY75
UniProt Synonym Gene Names	CD205; CLEC13B; Ly-75

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-75-ly75/44073>