

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

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CATALOG #
AAA102595

REACTIVITY
Human

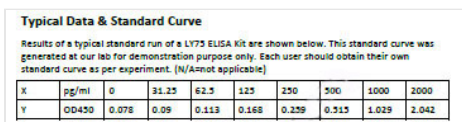
PRODUCT SYNONYMS

LY75 (Lymphocyte antigen 75); Human LY75 (Lymphocyte antigen 75); C-type lectin domain family 13 member B/DEC-205/gp200-MR6/CD205; LY75 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LY75. No significant cross-reactivity or interference between LY75 and analogues was observed.
Sequence Length	1722
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LY75were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LY75were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LY75 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-LY75antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- LY75 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the LY75 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LY75 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	144446030
NCBI GeneID	4065
NCBI Accession #	NP_002340.2
NCBI GenBank Nucleotide #	NM_002349.3
Molecular Weight	26,183 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
UniProt Entry Name	LY75_HUMAN

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://www.aaabiotech.com/human-elisa-kits/ly75-lymphocyte-antigen-75/102595>