

Mouse Lymphocyte antigen 6C1 ELISA Kit | Ly6c1 elisa kit

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CATALOG #
AAA101931

REACTIVITY
Mouse

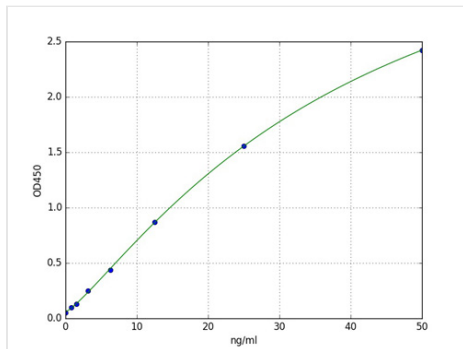
PRODUCT SYNONYMS

Lymphocyte antigen 6C1; Mouse Lymphocyte antigen 6C1 ELISA Kit; Ly6c1/Ly-6C1; Ly6c1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	131
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Ly6c1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.050	0.119	0.122	0.253	0.489	0.864	1.761	2.254

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ly6c1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Ly6c1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Ly6c1 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. HRP-Streptavidin 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 Mouse Ly6c1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Ly6c1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

355390364

NCBI GeneID	17067
NCBI Accession #	NP_001238984.1
NCBI GenBank Nucleotide #	NM_001252055.1
Molecular Weight	14,193 Da
NCBI Official Full Name	lymphocyte antigen 6C1 isoform 1
NCBI Official Synonym Full Names	lymphocyte antigen 6 complex, locus C1
NCBI Official Symbol	Ly6c1
NCBI Official Synonym Symbols	Ly6c; Ly-6C; Ly-6C1; AA682074; AA959465
NCBI Protein Information	lymphocyte antigen 6C1
UniProt Protein Name	Lymphocyte antigen 6C1
UniProt Gene Name	Ly6c1
UniProt Synonym Gene Names	Ly-6C1
UniProt Entry Name	LY6C1_MOUSE

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/ly6c1-mouse-elisa-kits/lymphocyte-antigen-6c1/101931>