

Mouse CD59A glycoprotein ELISA Kit | CD59a elisa kit

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CATALOG #
AAA98734

REACTIVITY
Mouse

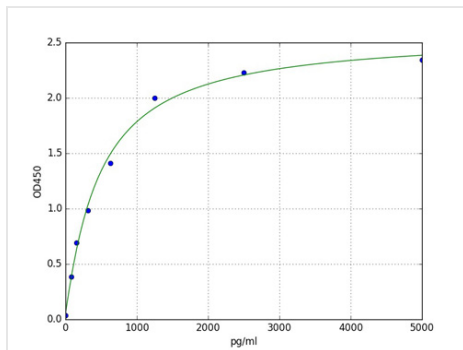
PRODUCT SYNONYMS

CD59A glycoprotein; Mouse CD59A glycoprotein ELISA Kit; CD59a/CD59/MACIF/MAC-IP/Protectin/MAC-inhibitory protein/Membrane attack complex inhibition factor; CD59a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	123
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Mouse CD59a 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.004	0.189	0.274	0.649	1.015	1.810	1.547	2.043

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD59a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CD59a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CD59a 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 CD59a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CD59a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161484616
NCBI GeneID	12509
NCBI Accession #	NP_001104530.1
NCBI GenBank Nucleotide #	NM_001111060.2
Molecular Weight	13,648 Da
NCBI Official Full Name	CD59A glycoprotein
NCBI Official Synonym Full Names	CD59a antigen
NCBI Official Symbol	Cd59a
NCBI Official Synonym Symbols	Cd59; AA987121; protectin
NCBI Protein Information	CD59A glycoprotein
UniProt Protein Name	CD59A glycoprotein
UniProt Gene Name	Cd59a
UniProt Synonym Gene Names	Cd59; MAC-IP; MACIF
UniProt Entry Name	CD59A_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://www.aaabiotech.com/mouse-elisa-kits/cd59a-glycoprotein/98734>