

Rat CD59 glycoprotein ELISA Kit | Cd59 elisa kit

Rat CD59 glycoprotein ELISA Kit

CATALOG #
AAA100659

REACTIVITY
Rat

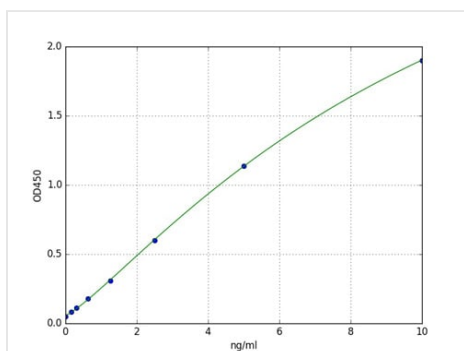
PRODUCT SYNONYMS

CD59 glycoprotein; Rat CD59 glycoprotein ELISA Kit; Cd59/HRF20/MACIF/MIC11/Protectin/16.3A5/1F5/1F5 antigen/20 kDa homologous restriction factor/CD59 antigen/CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5; EJ16/CD59 antigen; complement regulatory protein/CD59 glycoprotein/CD59 molecule; complement regulatory protein/human leukocyte antigen MIC11/Ly-6-like protein/lymphocytic antigen CD59/MEM43/MACIF/MAC-inhibitory protein/MAC-IP/MEM43/MEM43 antigen/membrane attack complex (MAC) inhibition factor/Membrane attack complex inhibition factor/Membrane inhibitor of reactive lysis/MGC2354/MIC11/MSK21/MIN1/MIN2/MIN3/MIRL/p18-20/Protectin/protectin/surface antigen recognized by monoclonal 16.3A5/T cell-activating protein; Cd59 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	128
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Rat CD59 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.087	0.115	0.161	0.266	0.441	0.857	1.474	1.772

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cd59 elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Cd59 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Cd59 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 Rat Cd59 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Cd59 can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	187829185
NCBI GeneID	966
NCBI Accession #	NP_001120699.1
NCBI GenBank Nucleotide #	NM_001127227.1
Molecular Weight	14,177 Da
NCBI Official Full Name	CD59 glycoprotein preproprotein
NCBI Official Synonym Full Names	CD59 molecule
NCBI Official Symbol	CD59
NCBI Official Synonym Symbols	1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20
NCBI Protein Information	CD59 glycoprotein
UniProt Protein Name	CD59 glycoprotein
UniProt Gene Name	CD59
UniProt Synonym Gene Names	MIC11; MIN1; MIN2; MIN3; MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL
UniProt Entry Name	CD59_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.