

Rat Cd59 Glycoprotein, Cd59 ELISA Kit | Cd59 elisa kit

Rat Cd59 Glycoprotein, Cd59 Primacu ELISA Kit

CATALOG #
AAA124465

REACTIVITY
Rat

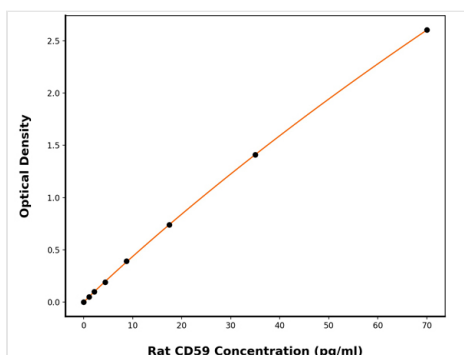
PRODUCT SYNONYMS

Cd59 Glycoprotein; Cd59; Rat Cd59 Glycoprotein; Cd59 Primacu ELISA Kit; CD59 glycoprotein; CD59; Cd59 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	1.09-70pg/mL
Sensitivity	0.36pg/mL
Standard Solution	0.7ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Cd59 elisa kit

CD59 glycoprotein, also known as 2 kDa homologous restriction factor, HRF2, MAC-inhibitory protein, Membrane attack complex inhibition factor, Membrane inhibitor of reactive lysis, MIC11, MIRL and CD59, is a cell membrane protein which contains one UPAR/Ly6 domain. CD59 is a small, highly glycosylated, GPI-linked protein, with a wide expression profile. The soluble form of CD59 from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes. CD59 is a potent inhibitor of the complement membrane attack complex (MAC) action. CD59 was first identified as a regulator of the terminal pathway of complement. It acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. CD59 is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. Defects in CD59 are the cause of CD59 deficiency (CD59D).

Product Categories/Family for Cd59 elisa kit	Primacu ELISA Kit; Cardiovascular; Immunology; Signal transduction; Stem cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978635
NCBI GeneID	25407
NCBI Accession #	NP_037057.1
NCBI GenBank Nucleotide #	NM_012925.1
UniProt Accession #	P27274
Molecular Weight	13,790 Da
NCBI Official Full Name	CD59 glycoprotein
NCBI Official Synonym Full Names	CD59 molecule, complement regulatory protein
NCBI Official Symbol	Cd59
NCBI Official Synonym Symbols	Cd59a; Cd59b; MACIF; MACIP; MAC-IP
NCBI Protein Information	CD59 glycoprotein; CD59 antigen; CD59b molecule, complement regulatory protein; Cb59b molecule; MAC-inhibitory protein; membrane attack complex inhibition factor; protectin
UniProt Protein Name	CD59 glycoprotein
UniProt Gene Name	Cd59
UniProt Synonym Gene Names	MAC-IP; MACIF
UniProt Entry Name	CD59_RAT

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/rat-elisa-kits/cd59-glycoprotein-cd59/124465>