

Human CD59 ELISA Kit | CD59 elisa kit

Human CD59 (Protectin) ELISA Kit

CATALOG #
AAA164128

REACTIVITY
Human

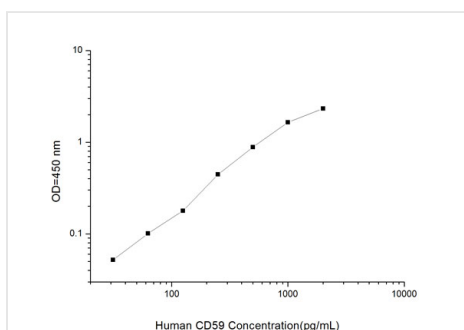
PRODUCT SYNONYMS

CD59; Human CD59 (Protectin) ELISA Kit; CD59 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CD59. No significant cross-reactivity or interference between Human CD59 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CD59 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	128
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD59 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD59 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CD59. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human CD59 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CD59, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human CD59. You can calculate the concentration of Human CD59 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42716299
NCBI GeneID	966
NCBI Accession #	NP_976076.1
NCBI GenBank Nucleotide #	NM_203331.2
UniProt Accession #	P13987
Molecular Weight	14,177 Da
NCBI Official Full Name	CD59 glycoprotein preproprotein
NCBI Official Synonym Full Names	CD59 molecule, complement regulatory protein
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; 1F5 antigen; 20 kDa homologous restriction factor; CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344); Ly-6-like protein; MEM43 antigen; T cell-activating protein; human leukocyte antigen MIC11; lymphocytic antigen CD59/MEM43; membrane attack complex (MAC) inhibition factor; membrane attack complex inhibition factor; membrane inhibitor of reactive lysis; protectin; surface anitgen recognized by monoclonal antibody 16.3A5
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.