

Goat Protectin ELISA Kit | CD59 elisa kit

Goat Protectin ELISA Kit

CATALOG #
AAA90135

REACTIVITY
Goat

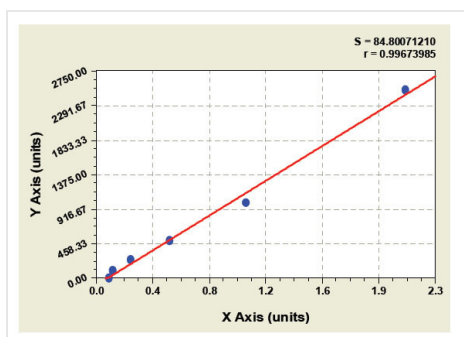
PRODUCT SYNONYMS

Protectin; Goat Protectin ELISA Kit; CD59 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This CD59 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CD59. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD59 elisa kit

Principle of the Assay: CD59 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CD59. Standards or samples are then added to the microtiter plate wells and CD59 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CD59 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CD59 are added to each well to "sandwich" the CD59 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CD59 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD59 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD59 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	42716299
NCBI GeneID	966
NCBI Accession #	NP_976076.1
NCBI GenBank Nucleotide #	NM_203331.2
UniProt Accession #	P13987; Q6FHM9
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; protectin; 1F5 antigen; MEM43 antigen; Ly-6-like protein; T cell-activating protein; human leukocyte antigen MIC11; lymphocytic antigen CD59/MEM43; 20 kDa homologous restriction factor; membrane inhibitor of reactive lysis; membrane attack complex inhibition factor; membrane attack complex (MAC) inhibition factor; surface anitgen recognized by monoclonal antibody 16.3A5; CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)
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.

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Online datasheet: <https://stage.aaabiotech.com/cd59-goat-elisa-kits/protectin/90135>