

Rat Complement C5 ELISA Kit | C5 elisa kit

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CATALOG #
AAA23266

REACTIVITY
Rat

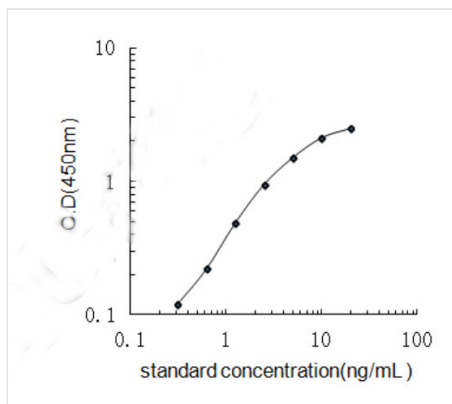
PRODUCT SYNONYMS

Complement C5; Rat Complement C5 ELISA Kit; C5; C5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Complement C5
Sequence Length	77
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.09 ng/mL
Intra-assay Precision	<=4.6%
Inter-assay Precision	<=9.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46397770
NCBI GeneID	362119
UniProt Accession #	P08650; Q63078
Molecular Weight	8,981 Da
NCBI Official Full Name	Complement C5
NCBI Official Synonym Full Names	complement component 5
NCBI Official Symbol	C5
NCBI Official Synonym Symbols	Hc; C5a; RGD1561905
NCBI Protein Information	complement C5
UniProt Protein Name	Complement C5
UniProt Gene Name	C5
UniProt Entry Name	CO5_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.