

Rat C5 (Complement Component 5) ELISA Kit | C5 elisa kit

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CATALOG #
AAA278511

REACTIVITY
Rat

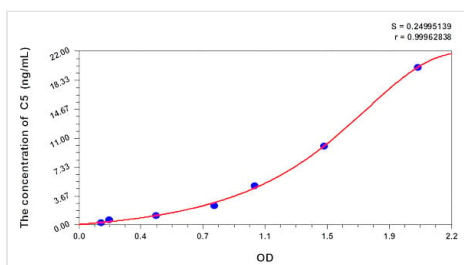
PRODUCT SYNONYMS

C5 (Complement Component 5); Rat C5 (Complement Component 5) ELISA Kit; CPAMD4; C5a anaphylatoxin; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4; C5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ug/mL
Sensitivity	0.068ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C5 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat C5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat C5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat C5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat C5 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for C5 elisa kit

[Metabolic pathway](#); [Infection immunity](#); [Immune molecule](#); [Hematology](#); [Autoimmunity](#)

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; anaphylatoxin
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/c5-complement-component-5/278511>