

Rat C1R ELISA Kit | C1R elisa kit

Rat C1R (Complement Component 1Q Receptor) ELISA Kit

CATALOG #
AAA164448

REACTIVITY
Rat

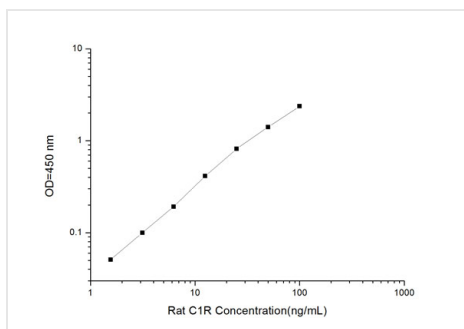
PRODUCT SYNONYMS

C1R; Rat C1R (Complement Component 1Q Receptor) ELISA Kit; C1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat C1R. No significant cross-reactivity or interference between Rat C1R and analogues was observed.
Sequence Length	705
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1R elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat C1R concentrations in 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 C1R. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for C1R 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 C1R, 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 C1R. You can calculate the concentration of C1R in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66347875
NCBI GeneID	715
NCBI Accession #	NP_001724.3
NCBI GenBank Nucleotide #	NM_001733.4
UniProt Accession #	P00736; Q68D77; Q8J012; A6Njq8
Molecular Weight	80,119 Da
NCBI Official Full Name	complement C1r subcomponent
NCBI Official Synonym Full Names	complement component 1, r subcomponent
NCBI Official Symbol	C1R
NCBI Protein Information	complement C1r subcomponent
UniProt Protein Name	Complement C1r subcomponent
UniProt Gene Name	C1R
UniProt Entry Name	C1R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/c1r/164448>