

Rat Complement Component 9 ELISA Kit | C9 elisa kit

Rat Complement Component 9 ELISA Kit

CATALOG #
AAA102528

REACTIVITY
Rat

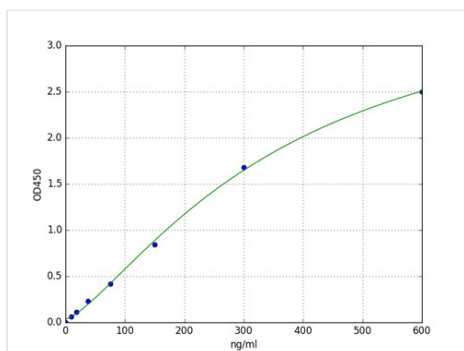
PRODUCT SYNONYMS

Complement Component 9; Rat Complement Component 9 ELISA Kit; C9; C9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	25
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	9.375-600ng/ml
Sensitivity	5.625ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat C9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	9.38	18.75	37.5	75	150	300	600
Y	OD450	0.036	0.112	0.157	0.235	0.446	0.805	1.463	2.443

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat C9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat C9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat C9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat C9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6706618

NCBI GeneID	735
UniProt Accession #	Q9UGI4; P02748
Molecular Weight	2,706 Da
NCBI Official Full Name	complement component 9, partial
NCBI Official Synonym Full Names	complement component 9
NCBI Official Symbol	C9
NCBI Official Synonym Symbols	C9D; ARMD15
NCBI Protein Information	complement component C9
UniProt Protein Name	Complement component 9
UniProt Gene Name	C9
UniProt Entry Name	Q9UGI4_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/c9-rat-elisa-kits/complement-component-9/102528>