

Bovine Complement Component 9 ELISA Kit | C9 elisa kit

Bovine Complement Component 9 ELISA Kit

CATALOG #
AAA88604

REACTIVITY
Bovine

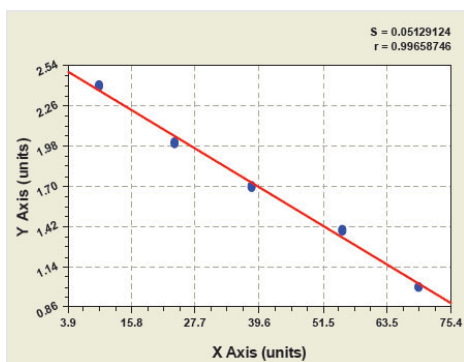
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This C9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine C9. 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 C9 elisa kit

Principle of the assay: C9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C9 antibody and an C9-HRP conjugate. The assay sample and buffer are incubated together with C9-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C9 concentration since C9 from samples and C9-HRP conjugate compete for the anti-C9 antibody binding site. Since the number of sites is limited, as more sites are occupied by C9 from the sample, fewer sites are left to bind C9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C9 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C9 elisa kit

Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/c9-bovine-ovine-elisa-kits/complement-component-9/88604>