

Rat Complement Factor P ELISA Kit | CFP elisa kit

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CATALOG #
AAA84364

REACTIVITY
Rat

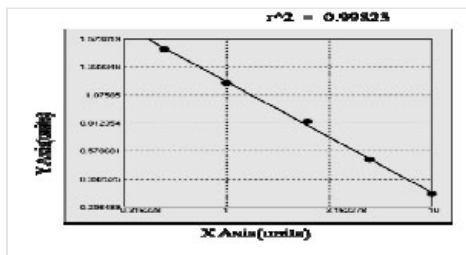
PRODUCT SYNONYMS

Complement Factor P; Rat Complement Factor P ELISA Kit; CFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10 ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFP elisa kit

Intended Uses: This CFP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CFP. This ELISA kit for research use only!

Principle of the Assay: CFP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CFP antibody and an CFP-HRP conjugate. The assay sample and buffer are incubated together with CFP-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 CFP concentration since CFP from samples and CFP-HRP conjugate compete for the anti-CFP antibody binding site. Since the number of sites is limited, as more sites are occupied by CFP from the sample, fewer sites are left to bind CFP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CFP elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	306491165
NCBI Official Full Name	CFP

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/cfp-rat-elisa-kits/complement-factor-p/84364>