

Human C5a (Complement Component 5a) CLIA Kit | C5a clia kit

Human C5a (Complement Component 5a) CLIA Kit

CATALOG #
AAA170884

REACTIVITY
Human

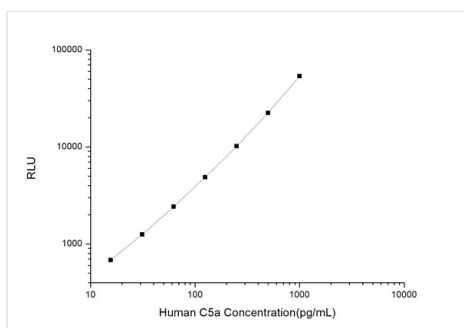
PRODUCT SYNONYMS

C5a (Complement Component 5a); Human C5a (Complement Component 5a) CLIA Kit; C5a; C5a clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant C5a. No significant cross-reactivity or interference between C5a and analogues was observed.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C5a clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of C5a concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to C5a. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for C5a 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 C5a, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of C5a. You can calculate the concentration of C5a in the samples by comparing the RLU value of the samples to the standard curve.

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.

