

Human Chemokine C C motif ligand 18 ELISA Kit | CCCL18 elisa kit

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CATALOG #
AAA87661

REACTIVITY
Human

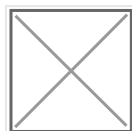
PRODUCT SYNONYMS

Chemokine C C motif ligand 18; Human Chemokine C C motif ligand 18 ELISA Kit; CCCL18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL18. No significant cross-reactivity or interference between CCL18 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL18 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCCL18 elisa kit

Principle of the Assay: CCL18 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCL18 antibody and an CCL18-HRP conjugate. The assay sample and buffer are incubated together with CCL18-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 CCL18 concentration since CCL18 from samples and CCL18-HRP conjugate compete for the anti-CCL18 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL18 from the sample, fewer sites are left to bind CCL18-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL18 concentration in each sample is interpolated from this standard curve.

Intended Uses: This CCL18 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCL18. This ELISA kit for research use only, not for therapeutic or test applications!

Product Categories/Family for CCCL18 elisa kit

Immunology

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/cccl18-human-elisa-kits/chemokine-c-c-motif-ligand-18/87661>