

Human Complement C1 inhibitor Antibody ELISA Kit | C1INH Ab elisa kit

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CATALOG #
AAA245273

REACTIVITY
Human

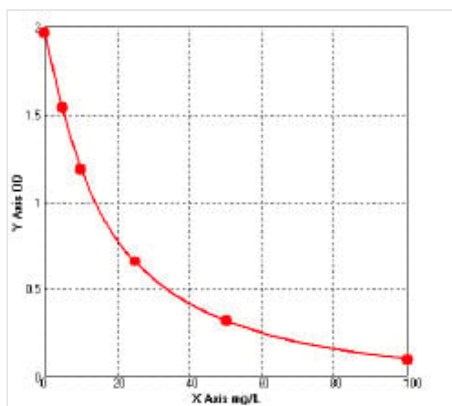
PRODUCT SYNONYMS

Complement C1 inhibitor Antibody; Human Complement C1 inhibitor Antibody ELISA Kit; C1INH Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1Ab. No significant cross-reactivity or interference between C1Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 mg/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1INH Ab elisa kit	Intended Uses: This C1Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C1Ab. This ELISA kit for research use only! Principle of the Assay: C1Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C1Ab antibody and an C1Ab-HRP conjugate. The assay sample and buffer are incubated together with C1Ab-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 C1Ab concentration since C1Ab from samples and C1Ab-HRP conjugate compete for the anti-C1Ab antibody binding site. Since the number of sites is limited, as more sites are occupied by C1Ab from the sample, fewer sites are left to bind C1Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C1INH Ab 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/c1inh-ab-human-elisa-kits/complement-c1-inhibitor-antibody/245273>