

Human Complement 1 inhibitor autoantibody IgG, C1INH IgG ELISA Kit

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CATALOG #
AAA245474

REACTIVITY
Human

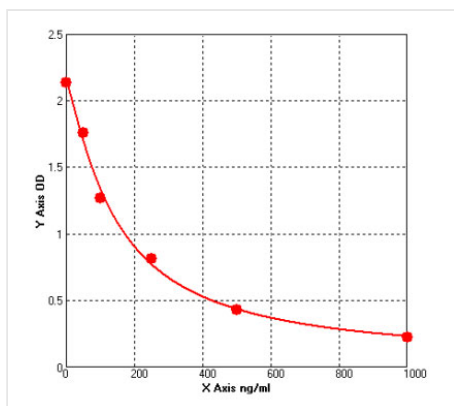
PRODUCT SYNONYMS

Complement 1 inhibitor autoantibody IgG; C1INH IgG; Human Complement 1 inhibitor autoantibody IgG; C1INH IgG ELISA Kit; C1INH IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1INH IgG. No significant cross-reactivity or interference between C1INH IgG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1INH IgG 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 Complement 1 inhibitor autoantibody IgG, C1INH IgG elisa kit	Principle of the Assay: C1INH IgG ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-C1INH IgG antibody and an C1INH IgG-HRP conjugate. The assay sample and buffer are incubated together with C1INH IgG-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 C1INH IgG concentration since C1INH IgG from samples and C1INH IgG-HRP conjugate compete for the anti-C1INH IgG antibody binding site. Since the number of sites is limited, as more sites are occupied by C1INH IgG from the sample, fewer sites are left to bind C1INH IgG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1INH IgG concentration in each sample is interpolated from this standard curve. Intended Uses: This C1INH IgG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C1INH IgG. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Complement 1 inhibitor autoantibody IgG, C1INH IgG elisa kit	Cardiovascular

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://www.aaabiotech.com/human-elisa-kits/complement-1-inhibitor-autoantibody-igg-c1inh-igg/245474>