

Human Complement 1 inhibitor, C1INH ELISA Kit | C1INH elisa kit

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CATALOG #
AAA42572

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	111
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1mg/L - 300mg/L
Sensitivity	0.56mg/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1INH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Complement 1 Inhibitor (also known as C1INH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human C1INH antibody. C1INH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human C1INH Antibody is added and binds to C1INH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated C1INH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human C1INH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33465583
NCBI GeneID	710
Molecular Weight	49,757 Da
NCBI Official Full Name	C1 inhibitor mutant, partial
NCBI Official Synonym Full Names	serpin family G member 1
NCBI Official Symbol	SERPING1
NCBI Official Synonym Symbols	C1IN; C1NH; HAE1; HAE2; C1INH
NCBI Protein Information	plasma protease C1 inhibitor
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	SERPING1
UniProt Synonym Gene Names	C1IN; C1NH; C1 Inh; C1Inh

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/human-elisa-kits/complement-1-inhibitor-c1inh/42572>