

Mouse Complement C1s subcomponent (C1S) ELISA Kit | C1S elisa kit

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CATALOG #
AAA27341

REACTIVITY
Mouse

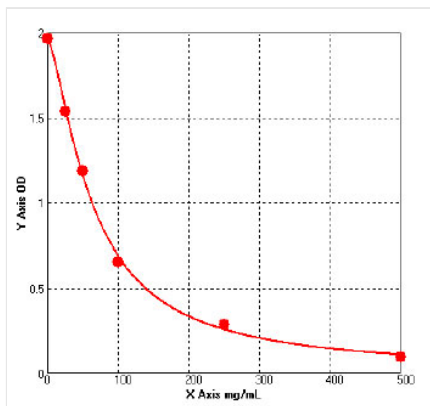
PRODUCT SYNONYMS

Complement C1s subcomponent (C1S); Mouse Complement C1s subcomponent (C1S) ELISA Kit; C1S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of C1S. No significant cross-reactivity or interference between C1S and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1S 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 mg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1S elisa kit	Principle of the Assay: C1S ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C1S antibody and an C1S-HRP conjugate. The assay sample and buffer are incubated together with C1S-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 C1S concentration since C1S from samples and C1S-HRP conjugate compete for the anti-C1S antibody binding site. Since the number of sites is limited, as more sites are occupied by C1S from the sample, fewer sites are left to bind C1S-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1S concentration in each sample is interpolated from this standard curve. Intended Uses: This C1S ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C1S. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for C1S elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393602
NCBI GeneID	716
NCBI Accession #	NP_958850.1
NCBI GenBank Nucleotide #	NM_201442.2
Molecular Weight	76,684 Da
NCBI Official Full Name	complement C1s subcomponent
NCBI Official Synonym Full Names	complement component 1, s subcomponent
NCBI Official Symbol	C1S
NCBI Protein Information	complement C1s subcomponent; C1 esterase; basic proline-rich peptide IB-1; complement component 1 subcomponent s
UniProt Protein Name	Complement C1s subcomponent
UniProt Gene Name	C1S
UniProt Entry Name	C1S_HUMAN

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/mouse-elisa-kits/complement-c1s-subcomponent-c1s/27341>