

Human Complement C1s subcomponent ELISA Kit | C1S elisa kit

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CATALOG #
AAA102069

REACTIVITY
Human

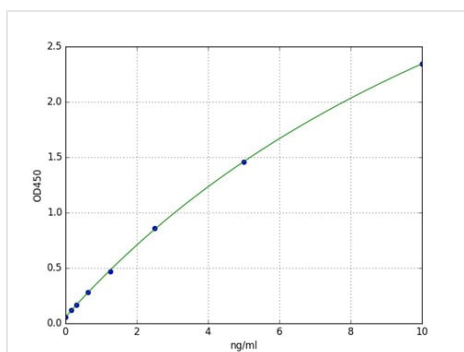
PRODUCT SYNONYMS

Complement C1s subcomponent; Human Complement C1s subcomponent ELISA Kit; C1S/Complement C1s subcomponent/C1 esterase/Complement component 1 subcomponent s; C1S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	688
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human C1S ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.036	0.187	0.318	0.570	0.922	1.347	1.703	2.016

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1S elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human C1S antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human C1S antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human C1S amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human C1S can be calculated.

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
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/human-elisa-kits/complement-c1s-subcomponent/102069>