

Rat Plasma protease C1 inhibitor ELISA Kit | Serping1 elisa kit

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CATALOG #
AAA56663

REACTIVITY
Rat

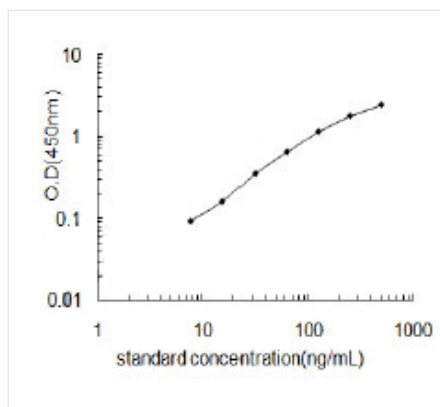
PRODUCT SYNONYMS

Plasma protease C1 inhibitor; Rat Plasma protease C1 inhibitor ELISA Kit; C1 Inh; C1Inh; C1 esterase inhibitor; C1-inhibiting factor; Serpin G1; Serping1; Serping1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Plasma protease C1 inhibitor,C1 Inh
Sequence Length	504
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	7.8-500 ng/mL
Sensitivity	< 3.9 ng/mL
Intra-assay Precision	<=5.3%
Inter-assay Precision	<=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serping1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40018558
NCBI GeneID	295703
NCBI Accession #	NP_954524.1
NCBI GenBank Nucleotide #	NM_199093.1
UniProt Accession #	Q6P734
Molecular Weight	55,611 Da
NCBI Official Full Name	plasma protease C1 inhibitor
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
NCBI Official Symbol	Serping1
NCBI Protein Information	plasma protease C1 inhibitor
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	Serping1
UniProt Synonym Gene Names	C1 Inh; C1Inh
UniProt Entry Name	IC1_RAT

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/serping1-rat-elisa-kits/plasma-protease-c1-inhibitor/56663>