

Mouse serpin peptidase inhibitor, clade G (C1 inhibitor) , member 1 ELISA Kit | SERPING1 elisa kit

Mouse Plasma protease C1 inhibitor, SERPING1 ELISA Kit

CATALOG #
AAA112499

REACTIVITY
Mouse

PRODUCT SYNONYMS

serpin peptidase inhibitor; clade G (C1 inhibitor); member 1; Mouse Plasma protease C1 inhibitor; SERPING1 ELISA Kit; Mouse Plasma protease C1 inhibitor (SERPING1) ELISA kit; C1IN; C1INH; C1NH; HAE1; HAE2; complement component 1 inhibitor; plasma protease C1 inhibitor; serine/cysteine proteinase inhibitor clade G member 1; clade G; SERPING1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SERPING1. No significant cross-reactivity or interference between mouse SERPING1 and analogues was observed.
Sequence Length	504
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	5.6 ng/ml -360 ng/ml.
Sensitivity	The minimum detectable dose of mouse SERPING1 is typically less than 1.4 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPING1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SERPING1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPING1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SERPING1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SERPING1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163914390
NCBI GeneID	12258
NCBI Accession #	NP_033906.2
NCBI GenBank Nucleotide #	NM_009776.3
UniProt Accession #	P97290; O88330; Q99M43; Q9QX09; A2ATR7
Molecular Weight	55,585 Da
NCBI Official Full Name	plasma protease C1 inhibitor
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade G, member 1
NCBI Official Symbol	Serping1
NCBI Official Synonym Symbols	C1nh; C1INH
NCBI Protein Information	plasma protease C1 inhibitor; C1 Inh; serpin G1; C1-inhibiting factor; C1 esterase inhibitor; complement component 1 inhibitor; serine (or cysteine) proteinase inhibitor, clade G, member 1; serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	Serping1
UniProt Synonym Gene Names	C1nh; C1 Inh; C1Inh
UniProt Entry Name	IC1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serping1-mouse-elisa-kits/serpin-peptidase-inhibitor-clade-g-c1-inhibitor-member-1/112499>