

Human serpin peptidase inhibitor, clade B (ovalbumin) , member 2 ELISA Kit | SERPINB2 elisa kit

Human Plasminogen activator inhibitor 2, SERPINB2 ELISA Kit

CATALOG #
AAA112358

REACTIVITY
Human

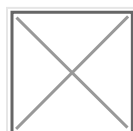
PRODUCT SYNONYMS

serpin peptidase inhibitor; clade B (ovalbumin); member 2; Human Plasminogen activator inhibitor 2; SERPINB2 ELISA Kit; Human Plasminogen activator inhibitor 2 (SERPINB2) ELISA kit; HsT1201; PAI; PAI-2; PAI2; PLANH2; plasminogen activator inhibitor 2; plasminogen activator inhibitor; type II (arginine-serpin) ; serine (or cysteine) proteinase inhibitor; member; SERPINB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SERPINB2. No significant cross-reactivity or interference between human SERPINB2 and analogues was observed.
Sequence Length	415
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates, cell lysates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
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 SERPINB2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SERPINB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPINB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SERPINB2 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 SERPINB2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219689110
NCBI GeneID	5055
NCBI Accession #	NP_001137290.1
NCBI GenBank Nucleotide #	NM_001143818.1
UniProt Accession #	P05120; Q96E96
Molecular Weight	46,596 Da
NCBI Official Full Name	plasminogen activator inhibitor 2
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 2
NCBI Official Symbol	SERPINB2
NCBI Official Synonym Symbols	PAI; PAI2; PAI-2; PLANH2; HsT1201
NCBI Protein Information	plasminogen activator inhibitor 2; serpin B2; monocyte Arg-serpin; urokinase inhibitor; placental plasminogen activator inhibitor; plasminogen activator inhibitor, type II (arginine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2
UniProt Protein Name	Plasminogen activator inhibitor 2
UniProt Gene Name	SERPINB2
UniProt Synonym Gene Names	PAI2; PLANH2; PAI-2
UniProt Entry Name	PAI2_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/serpinb2-human-elisa-kits/serpin-peptidase-inhibitor-clade-b-ovalbumin-member-2/112358>