

Human Plasminogen Activator Inhibitor 2 (SERPINB2) ELISA Kit | SERPINB2 elisa kit

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CATALOG #
AAA330908

REACTIVITY
Human

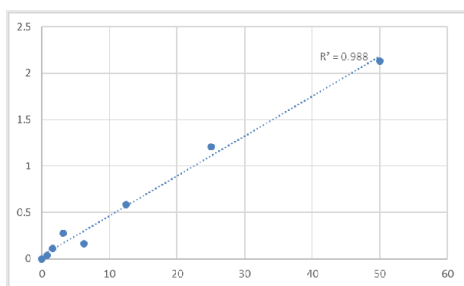
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Plasminogen activator inhibitor 2 (SERPINB2) ELISA Kit 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	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Plasminogen activator inhibitor 2 (SERPINB2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SERPINB2 elisa kit	Description: This Human Plasminogen activator inhibitor 2 (SERPINB2) ELISA Kit employs a two-site sandwich ELISA to quantitate SERPINB2 in samples. An 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, Streptavidin 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. Background: Plasminogen activator inhibitor-2 (placental PAI) is a coagulation factor that inactivates tPA and urokinase. It is present in most cells, especially monocytes/macrophages. PAI-2 exists in two forms, a 60-kDa extracellular glycosylated form and a 43-kDa intracellular form. It is present only at detectable quantities in blood during pregnancy, as it is produced by the placenta, and may explain partially the increased rate of thrombosis during pregnancy. The majority of expressed PAI-2 remains unsecreted due to the presence of an inefficient internal signal peptide.the intron-exon arrangement of PAI2 is identical to that of chicken ovalbumin and Y genes and distinct from that of other members of the serpin superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219689110
NCBI GeneID	5055
NCBI Accession #	NP_001137290.1
NCBI GenBank Nucleotide #	NP_001137290.1
UniProt Accession #	P05120
NCBI Official Full Name	plasminogen activator inhibitor 2
NCBI Official Synonym Full Names	serpin family B member 2
NCBI Official Symbol	SERPINB2
NCBI Official Synonym Symbols	PAI; PAI2; PAI-2; PLANH2; HsT1201
NCBI Protein Information	plasminogen activator inhibitor 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/plasminogen-activator-inhibitor-2-serpinb2/330908>