

Human Protein Z-Dependent Protease Inhibitor (SERPINA10) ELISA Kit | SERPINA10 elisa kit

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CATALOG #
AAA330914

REACTIVITY
Human

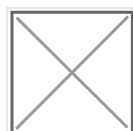
PRODUCT SYNONYMS

Protein Z-Dependent Protease Inhibitor (SERPINA10); Human Protein Z-Dependent Protease Inhibitor (SERPINA10) ELISA Kit; SERPINA10; PZI; ZPI; protein Z-dependent protease inhibitor; protein Z-dependent protease inhibitorprecursor; serine (or cysteine) proteinase inhibitor; clade A (alpha-1 antiproteinase; antitrypsin); member 10; SERPINA10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein Z-dependent protease inhibitor (SERPINA10) ELISA Kit has high sensitivity and excellent specificity for detection of Human SERPINA10. No significant cross-reactivity or interference between Human SERPINA10 and analogues was observed.
Sequence Length	444
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	20 pg/ml - 320 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINA10 elisa kit	Background: Protein Z is a vitamin K-dependent protein with a molecular weight of 62 kD, plasma concentration ranging from 2 to 3 ug/ml and with an approximate half-life of 2.5 days. Although the structure of protein Z contains a Gla domain it does not possess protease activating action on other coagulation factors. Protein Z promotes FXa inhibition induced by ZPI.30 Protein Z-dependent protease inhibitor (ZPI) is another member of the serpin family (SERPINA10) with known inhibitory action on FXa and FXIa. Principle of the Assay: Human Protein Z-Dependent Protease Inhibitor (SERPINA10) ELISA Kit employs a two-site sandwich ELISA to quantitate SERPINA10 in samples. An antibody specific for SERPINA10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPINA10 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SERPINA10 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SERPINA10 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 #	154759291
NCBI GeneID	51156
NCBI Accession #	NP_001094077.1
NCBI GenBank Nucleotide #	NP_001094077.1
UniProt Accession #	Q9UK55
NCBI Official Full Name	protein Z-dependent protease inhibitor
NCBI Official Synonym Full Names	serpin family A member 10
NCBI Official Symbol	SERPINA10
NCBI Official Synonym Symbols	PZI; ZPI
NCBI Protein Information	protein Z-dependent protease inhibitor
UniProt Protein Name	Protein Z-dependent protease inhibitor
UniProt Gene Name	SERPINA10
UniProt Synonym Gene Names	ZPI; PZ-dependent protease inhibitor; PZI
UniProt Entry Name	ZPI_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/protein-z-dependent-protease-inhibitor-serpina10/330914>