

Human Serpin B10 (SERPINB10) ELISA Kit | SERPINB10 elisa kit

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CATALOG #
AAA27270

REACTIVITY
Human

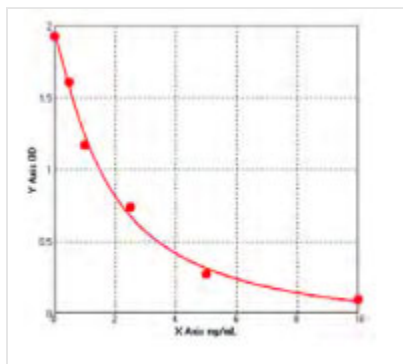
PRODUCT SYNONYMS

Serpin B10 (SERPINB10); Human Serpin B10 (SERPINB10) ELISA Kit; SERPINB10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SERPINB10. No significant cross-reactivity or interference between SERPINB10 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SERPINB10 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINB10 elisa kit	Principle of the Assay: SERPINB10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SERPINB10 antibody and an SERPINB10-HRP conjugate. The assay sample and buffer are incubated together with SERPINB10-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SERPINB10 concentration since SERPINB10 from samples and SERPINB10-HRP conjugate compete for the anti-SERPINB10 antibody binding site. Since the number of sites is limited, as more sites are occupied by SERPINB10 from the sample, fewer sites are left to bind SERPINB10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SERPINB10 concentration in each sample is interpolated from this standard curve. Intended Uses: This SERPINB10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SERPINB10. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for SERPINB10 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826902
NCBI GeneID	5273
NCBI Accession #	NP_005015.1
NCBI GenBank Nucleotide #	NM_005024.1
Molecular Weight	45,403 Da
NCBI Official Full Name	serpin B10
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 10
NCBI Official Symbol	SERPINB10
NCBI Official Synonym Symbols	PI10; PI-10
NCBI Protein Information	serpin B10; bomapin; peptidase inhibitor 10; protease inhibitor 10 (ovalbumin type, bomapin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 10
UniProt Protein Name	Serpin B10
UniProt Gene Name	SERPINB10
UniProt Synonym Gene Names	PI10; PI-10
UniProt Entry Name	SPB10_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://www.aaabiotech.com/human-elisa-kits/serpin-b10-serpinb10/27270>