

Human Serpin B13 ELISA Kit | SERPINB13 elisa kit

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CATALOG #
AAA102389

REACTIVITY
Human

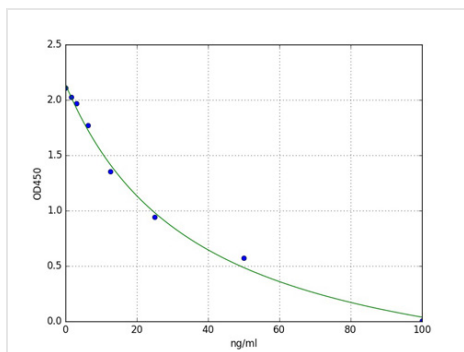
PRODUCT SYNONYMS

Serpin B13; Human Serpin B13 ELISA Kit; SERPINB13/Serpin B13/Proteinase inhibitor 13/Peptidase inhibitor 13/PI-13/HaCaT UV-repressible serpin/Hurpin/Headpin; SERPINB13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	400
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Serpin B13 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	1.988	1.640	1.417	1.101	0.786	0.508	0.037	0.284

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINB13 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human Serpin B13. During the reaction, Human Serpin B13 in the sample or standard competes with a fixed amount of biotin-labeled Human Serpin B13 for sites on a pre-coated Monoclonal antibody specific to Human Serpin B13. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human Serpin B13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	807201021
NCBI GeneID	5275
NCBI Accession #	NP_001294852.1
NCBI GenBank Nucleotide #	NM_001307923.1
Molecular Weight	38,413 Da
NCBI Official Full Name	serpin B13 isoform 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 13
NCBI Official Symbol	SERPINB13
NCBI Official Synonym Symbols	HUR7; PI13; headpin; HSHUR7SEQ
NCBI Protein Information	serpin B13
UniProt Protein Name	Serpin B13
UniProt Gene Name	SERPINB13
UniProt Synonym Gene Names	PI13; Hurpin; PI-13
UniProt Entry Name	SPB13_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/serpinb13-human-elisa-kits/serpin-b13/102389>