

Human Serpin B5 ELISA Kit | SERPINB5 elisa kit

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CATALOG #
AAA97730

REACTIVITY
Human

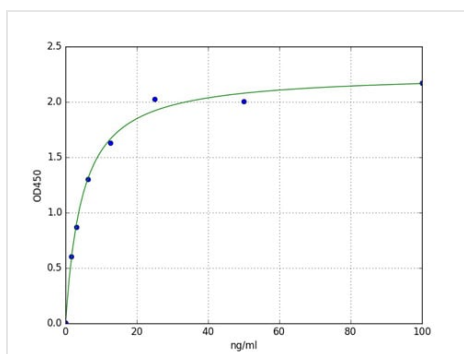
PRODUCT SYNONYMS

Serpin B5; Human Serpin B5 ELISA Kit; SERPINB5/Serpin B5/Maspin/Peptidase inhibitor 5/PI-5/serine (or cysteine) proteinase inhibitor; clade B (ovalbumin); member 5; SERPINB5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	375
Assay Type	Sandwich ELISA, Double Antibody
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 SERPINB5 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.014	0.567	0.889	1.323	1.734	1.969	2.125	2.241

ADDITIONAL INFORMATION

Related Product Information for SERPINB5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SERPINB5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SERPINB5 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SERPINB5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SERPINB5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860126
NCBI GeneID	5268
NCBI Accession #	NP_002630.2
NCBI GenBank Nucleotide #	NM_002639.4
Molecular Weight	25,763 Da
NCBI Official Full Name	serpin B5
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 5
NCBI Official Symbol	SERPINB5
NCBI Official Synonym Symbols	PI5; maspin
NCBI Protein Information	serpin B5
UniProt Protein Name	Serpin B5
UniProt Gene Name	SERPINB5
UniProt Synonym Gene Names	PI5; PI-5
UniProt Entry Name	SPB5_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/serpinb5-human-elisa-kits/serpin-b5/97730>