

Human Serpin B4 ELISA Kit | SERPINB4 elisa kit

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CATALOG #
AAA101327

REACTIVITY
Human

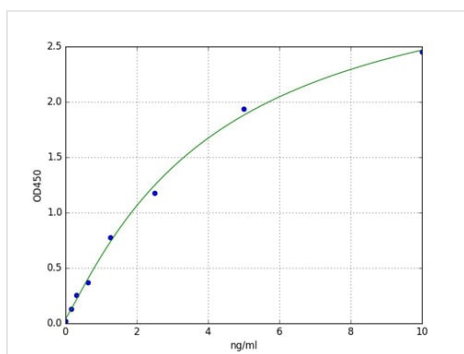
PRODUCT SYNONYMS

Serpin B4; Human Serpin B4 ELISA Kit; SERPINB4/PI11/SCCA2/Serpin B4/Leupin/Peptidase inhibitor 11/PI-11/Squamous cell carcinoma antigen 2/SCCA-2; SERPINB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	369
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 SERPINB4 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	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.088	0.149	0.189	0.297	0.505	0.914	1.633	2.266

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINB4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-SERPINB4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- SERPINB4 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 SERPINB4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SERPINB4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	669250853
NCBI GeneID	6318
NCBI Accession #	NP_778206.1
NCBI GenBank Nucleotide #	NM_175041.1
Molecular Weight	44,854 Da
NCBI Official Full Name	serpin B4 isoform 2
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 4
NCBI Official Symbol	SERPINB4
NCBI Official Synonym Symbols	PI11; SCCA1; SCCA2; LEUPIN; SCCA-2
NCBI Protein Information	serpin B4
UniProt Protein Name	Serpin B4
UniProt Gene Name	SERPINB4
UniProt Synonym Gene Names	PI11; SCCA2; PI-11; SCCA-2
UniProt Entry Name	SPB4_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/serpinb4-human-elisa-kits/serpin-b4/101327>