

Human SERPINB9 (Serp B9) ELISA Kit | SERPINB9 elisa kit

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CATALOG #
AAA250014

REACTIVITY
Human

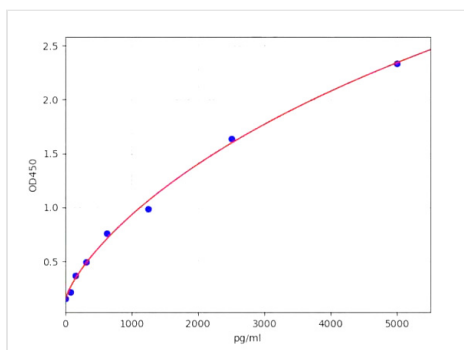
PRODUCT SYNONYMS

SERPINB9 (Serp B9); Human SERPINB9 (Serp B9) ELISA Kit; SERPINB9; Serpin B9; Cytoplasmic antiproteinase 3; CAP-3; CAP3; Peptidase inhibitor 9; PI-9; PI9; SERPINB9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SERPINB9. No significant crossreactivity or interference between SERPINB9 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for SERPINB9 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758906
NCBI GeneID	5272
NCBI Accession #	NP_004146.1
NCBI GenBank Nucleotide #	NM_004155.5
UniProt Accession #	P50453; Q5TD03; B2RBW3
Molecular Weight	42,404 Da
NCBI Official Full Name	serpin B9
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 9
NCBI Official Symbol	SERPINB9
NCBI Official Synonym Symbols	PI9; CAP3; PI-9; CAP-3
NCBI Protein Information	serpin B9; peptidase inhibitor 9; cytoplasmic antiproteinase 3; protease inhibitor 9 (ovalbumin type); serpin peptidase inhibitor, clade B, member 9; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9
UniProt Protein Name	Serpin B9
UniProt Gene Name	SERPINB9
UniProt Synonym Gene Names	PI9; CAP-3; CAP3; PI-9
UniProt Entry Name	SPB9_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/serpinb9-serpin-b9/250014>