Human serpin peptidase inhibitor, clade B (ovalbumin) , member 5 ELISA Kit | SERPINB5 elisa kit

Human Serpin B5, SERPINB5 ELISA Kit

CATALOG #	REACTIVITY
AAA18099	**Human**

PRODUCT SYNONYMS

serpin peptidase inhibitor; clade B (ovalbumin); member 5; Human Serpin B5; SERPINB5 ELISA Kit; Human Serpin B5 (SERPINB5) ELISA kit; PI5; maspin; protease inhibitor 5 (maspin) ; serine (or cysteine) proteinase inhibitor; SERPINB5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SERPINB5. No significant cross-reactivity or interference between human SERPINB5 and analogues was observed.
Sequence Length	375
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINB5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SERPINB5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPINB5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SERPINB5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SERPINB5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860126
NCBI GeneID	5268
NCBI Accession #	NP_002630.2
NCBI GenBank Nucleotide #	NM_002639.4
UniProt Accession #	P36952; Q6N0B4; Q8WW89; B2R6Y4
Molecular Weight	42,100 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; PI-5; peptidase inhibitor 5; protease inhibitor 5 (maspin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5
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-peptidase-inhibitor-clade-b-ovalbumin-member-5/18099