

Human serpin peptidase inhibitor, clade B (ovalbumin) , member 3 ELISA Kit | SERPINB3 elisa kit

Human squamous cell carcinoma antigen 1, SCCAg1 ELISA Kit

CATALOG #
AAA79710

REACTIVITY
Human

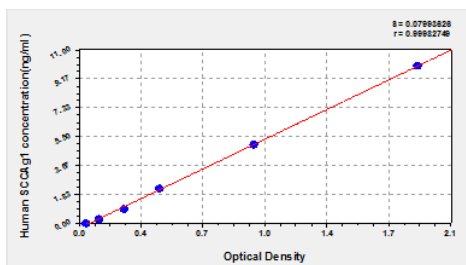
PRODUCT SYNONYMS

serpin peptidase inhibitor; clade B (ovalbumin); member 3; Human squamous cell carcinoma antigen 1; SCCAg1 ELISA Kit; Human squamous cell carcinoma antigen 1 (SCCAg1) ELISA kit; HsT1196; SCC; SCCA-1; SCCA-PD; SCCA1; T4-A; serine (or cysteine) proteinase inhibitor; squamous cell carcinoma antigen 1; SERPINB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SCCAg1. No significant cross-reactivity or interference between human SCCAg1 and analogues was observed.
Sequence Length	390
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 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 SERPINB3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SCCAg1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCCAg1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCCAg1 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 SCCAg1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902072
NCBI GeneID	6317
NCBI Accession #	NP_008850.1
NCBI GenBank Nucleotide #	NM_006919.2
UniProt Accession #	P29508; Q53H28; Q53YB5; Q86VF3; Q86W04; Q8IWL4; Q8IXI3; Q96J21; Q9BYF8; A6NDM2; B2RBT5; B3W5Y6
Molecular Weight	44,565 Da
NCBI Official Full Name	serpin B3
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 3
NCBI Official Symbol	SERPINB3
NCBI Official Synonym Symbols	SCC; T4-A; SCCA1; SCCA-1; HsT1196; SCCA-PD
NCBI Protein Information	serpin B3; protein T4-A; squamous cell carcinoma antigen 1; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3
UniProt Protein Name	Serpin B3
UniProt Gene Name	SERPINB3
UniProt Synonym Gene Names	SCCA; SCCA1; SCCA-1
UniProt Entry Name	SPB3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpinb3-human-elisa-kits/serpin-peptidase-inhibitor-clade-b-ovalbumin-member-3/79710>