

Human SCCA2 ELISA Kit | SCCA2 elisa kit

Human SCCA2 (Squamous Cell Carcinoma Antigen 2) ELISA Kit

CATALOG #
AAA21459

REACTIVITY
Human

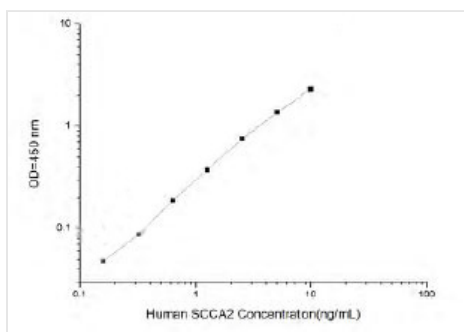
PRODUCT SYNONYMS

SCCA2; Human SCCA2 (Squamous Cell Carcinoma Antigen 2) ELISA Kit; SCCA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human SCCA2 in samples. No significant cross-reactivity or interference between Human SCCA2 and analogues was observed.
Sequence Length	390
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human SCCA2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human SCCA2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCCA2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SCCA2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SCCA2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human SCCA2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SCCA2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human SCCA2. You can calculate the concentration of Human SCCA2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28076869
NCBI GeneID	6318
NCBI Accession #	NP_002965.1
NCBI GenBank Nucleotide #	NM_002974.3
UniProt Accession #	P48594; A8K847
Molecular Weight	44,854 Da
NCBI Official Full Name	serpin B4 isoform 1
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; SCCA2/SCCA1 fusion protein; peptidase inhibitor 11; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; squamous cell carcinoma antigen 1; squamous cell carcinoma antigen 2
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.