

Rat Colon Cancer specific antigene-2 ELISA Kit | CCSA-2 elisa kit

Rat Colon Cancer specific antigene-2 ELISA Kit

CATALOG #
AAA84584

REACTIVITY
Rat

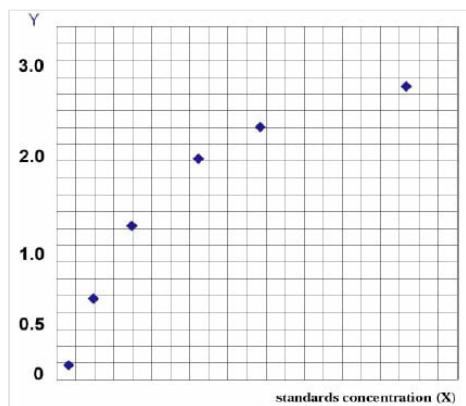
PRODUCT SYNONYMS

Colon Cancer specific antigene-2; Rat Colon Cancer specific antigene-2 ELISA Kit; CCSA-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCSA-2 elisa kit	Intended Uses: This CCSA-2 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofCCSA-2 in the sample, thisCCSA-2 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusCCSA-2 concentration. The concentration ofCCSA-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CCSA-2 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forCCSA-2. Standards or samples are then added to the microtiter plate wells andCCSA-2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofCCSA-2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forCCSA-2 are added to each well to "sandwich" theCCSA-2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containCCSA-2 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	89353278
NCBI GeneID	10807
NCBI Accession #	NP_006634.3
NCBI GenBank Nucleotide #	NM_006643.3
Molecular Weight	40,058 Da
NCBI Official Full Name	serologically defined colon cancer antigen 3 isoform 2
NCBI Official Synonym Full Names	serologically defined colon cancer antigen 3
NCBI Official Symbol	SDCCAG3
NCBI Official Synonym Symbols	NY-CO-3
NCBI Protein Information	serologically defined colon cancer antigen 3; antigen NY-CO-3
UniProt Protein Name	Serologically defined colon cancer antigen 3
UniProt Gene Name	SDCCAG3
UniProt Entry Name	SDCG3_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.