

Mouse Colon Cancer specific antigene-3 ELISA Kit | CCSA-3 elisa kit

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CATALOG #
AAA82347

REACTIVITY
Mouse

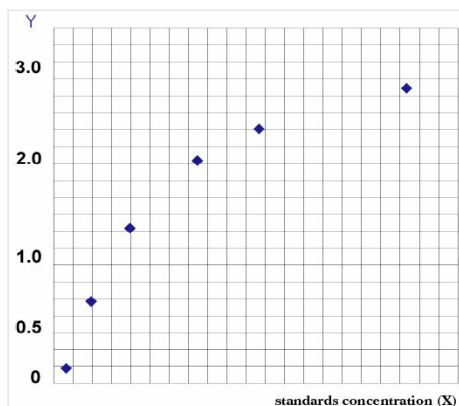
PRODUCT SYNONYMS

Colon Cancer specific antigene-3; Mouse Colon Cancer specific antigene-3 ELISA Kit; CCSA-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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-3 elisa kit	Intended Uses: This CCSA-3 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-3 in the sample, thisCCSA-3 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-3 concentration. The concentration ofCCSA-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CCSA-3 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-3. Standards or samples are then added to the microtiter plate wells andCCSA-3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofCCSA-3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forCCSA-3 are added to each well to "sandwich" theCCSA-3 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-3 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89353283
NCBI GeneID	10807
NCBI Accession #	NP_001034797.1
NCBI GenBank Nucleotide #	NM_001039708.1
Molecular Weight	40,058 Da
NCBI Official Full Name	serologically defined colon cancer antigen 3 isoform 3
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.