

Monkey Colon Cancer Antigen ELISA Kit | CCA elisa kit

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CATALOG #
AAA96089

REACTIVITY
Monkey

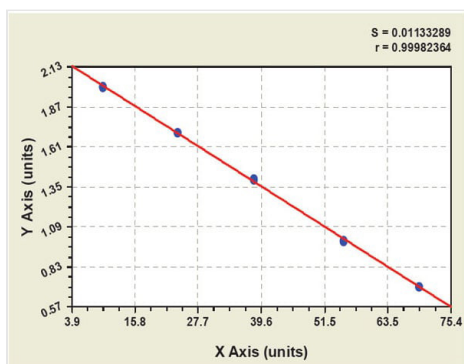
PRODUCT SYNONYMS

Colon Cancer Antigen; Monkey Colon Cancer Antigen ELISA Kit; CCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
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 CCA elisa kit

Principle of the assay: CCA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCA antibody and an CCA-HRP conjugate. The assay sample and buffer are incubated together with CCA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCA concentration since CCA from samples and CCA-HRP conjugate compete for the anti-CCA antibody binding site. Since the number of sites is limited, as more sites are occupied by CCA from the sample, fewer sites are left to bind CCA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCA elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	226941212
NCBI Accession #	YP_002796286.1
NCBI GenBank Nucleotide #	NC_012559.1
Molecular Weight	45,414 Da
NCBI Official Full Name	Cca
UniProt Protein Name	Multifunctional CCA protein
UniProt Gene Name	cca
UniProt Synonym Gene Names	LHK_02293
UniProt Entry Name	CCA_LARHH

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/cca-monkey-elisa-kits/colon-cancer-antigen/96089>