

Rat Anti-cyclic cirtullinated peptide ELISA Kit | CCP elisa kit

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CATALOG #
AAA84096

REACTIVITY
Rat

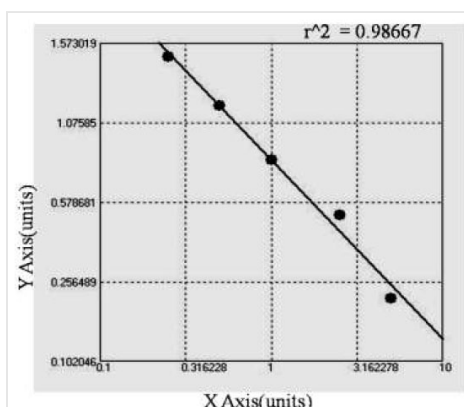
PRODUCT SYNONYMS

Anti-cyclic cirtullinated peptide; Rat Anti-cyclic cirtullinated peptide ELISA Kit; CCP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCP elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This CCP-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CCP-Ab. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY CCP-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing CCP antigen and an CCP-Ab-HRP conjugate. The assay sample and buffer are incubated together with CCP-Ab-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 CCP-Ab concentration since CCP-Ab from samples and CCP-Ab-HRP conjugate compete for the CCP antigen binding site. Since the number of sites is limited, as more sites are occupied by CCP-Ab from the sample, fewer sites are left to bind CCP-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCP-Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCP elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	226941355
NCBI Accession #	YP_002796429.1
NCBI GenBank Nucleotide #	NC_012559.1
Molecular Weight	20,947 Da
NCBI Official Full Name	Ccp
UniProt Protein Name	Ccp
UniProt Gene Name	ccp
UniProt Synonym Gene Names	LHK_02438
UniProt Entry Name	C1DB81_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.