

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

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CATALOG #
AAA84433

REACTIVITY
Mouse

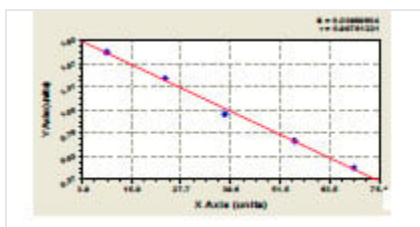
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 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

Intended Uses: This CCPAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCPAb. This ELISA kit for research use only!

Principle of the Assay||CCPAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Cyclic Cirtullinated Peptide antigen and an CCPAb-HRP conjugate. The assay sample and buffer are incubated together with CCPAb-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 CCPAb concentration since CCPAb from samples and CCPAb-HRP conjugate compete for the Cyclic Cirtullinated Peptide antigen binding site. Since the number of sites is limited, as more sites are occupied by CCPAb from the sample, fewer sites are left to bind CCPAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCPAb 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.

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Online datasheet: <https://stage.aaabiotech.com/ccp-mouse-elisa-kits/anti-cyclic-cirtullinated-peptide/84433>