

Human Carboxylated Osteocalcin ELISA Kit | cOC elisa kit

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CATALOG #
AAA96581

REACTIVITY
Human

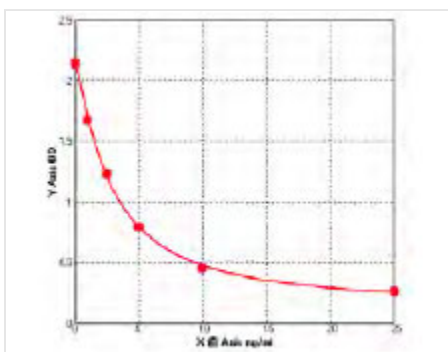
PRODUCT SYNONYMS

Carboxylated Osteocalcin; Human Carboxylated Osteocalcin ELISA Kit; cOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 cOC elisa kit

Intended Uses: This COBLL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human COBLL1. This ELISA kit for research use only!

Principle of the Assay: COBLL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COBLL1 antibody and an COBLL1-HRP conjugate. The assay sample and buffer are incubated together with COBLL1-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 COBLL1 concentration since COBLL1 from samples and COBLL1-HRP conjugate compete for the anti-COBLL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by COBLL1 from the sample, fewer sites are left to bind COBLL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COBLL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6223673
NCBI Official Full Name	osteocalcin, partial

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/coc-human-elisa-kits/carboxylated-osteocalcin/96581>