

Human ucOC ELISA Kit | ucOC elisa kit

Human ucOC(Undercarboxylated Osteocalcin)ELISA Kit

CATALOG #
AAA21969

REACTIVITY
Human

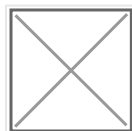
PRODUCT SYNONYMS

ucOC; Human ucOC(Undercarboxylated Osteocalcin)ELISA Kit; ucOC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ucOC in samples. No significant cross-reactivity or interference between Human ucOC and analogues was observed.
Samples	Serum and plasma, please inquire if your samples are other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	6.25-400pg/mL
Sensitivity	3.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ucOC were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ucOC were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ucOC elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ucOC concentrations in serum and plasma, please inquire if your samples are other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been precoated with an antibody specific to Human ucOC. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ucOC and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ucOC, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 +/- 2 nm. The OD value is proportional to the concentration of Human ucOC. You can calculate the concentration of Human ucOC in the samples by comparing the OD of the samples to the standard curve.

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/human-elisa-kits/ucoc/21969>