

Chicken OC (Osteocalcin) ELISA Kit | OC elisa kit

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CATALOG #
AAA278441

REACTIVITY
Chicken

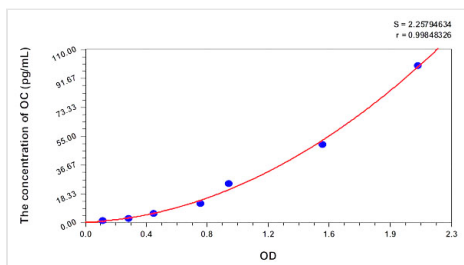
PRODUCT SYNONYMS

OC (Osteocalcin); Chicken OC (Osteocalcin) ELISA Kit; BGLAP; OT; BGP; Bone Gla Protein; Bone Gamma-Carboxyglutamate Protein; Gamma-carboxyglutamic acid-containing protein; OC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	0.16-10ng/mL
Sensitivity	0.064ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OC elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chicken OC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken OC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chicken OC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Chicken OC in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for OC elisa kit

[Metabolic pathway](#); [Endocrinology](#); [Hormone metabolism](#); [Bone metabolism](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	46195457
NCBI GeneID	396348

NCBI Accession #	NP_990718.1
NCBI GenBank Nucleotide #	NM_205387.1
UniProt Accession #	P02822; Q90620
Molecular Weight	10,707 Da
NCBI Official Full Name	osteocalcin preproprotein
NCBI Official Synonym Full Names	bone gamma-carboxyglutamate protein
NCBI Official Symbol	BGLAP
NCBI Official Synonym Symbols	BGP
NCBI Protein Information	osteocalcin
UniProt Protein Name	Osteocalcin
UniProt Gene Name	BGLAP
UniProt Synonym Gene Names	BGP

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://www.aaabiotech.com/chicken-elisa-kits/oc-osteocalcin/278441>