

Mouse Osteocalcin (OC) ELISA Kit | OC elisa kit

Mouse Osteocalcin (OC) Mini Samples ELISA Kit

CATALOG # AAA147340	REACTIVITY Mouse
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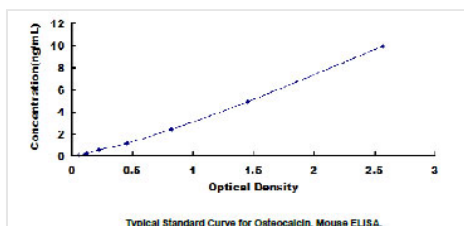
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of osteocalcin. No significant cross-reactivity or interference between osteocalcin and analogues was observed.
Sequence Length	95
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level osteocalcin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level osteocalcin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of osteocalcin in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for OC elisa kit	Metabolic pathway ; Endocrinology ; Hormone metabolism ; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671634
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NCBI GeneID	12096
NCBI Accession #	NP_031567.1
NCBI GenBank Nucleotide #	NM_007541.3
UniProt Accession #	P86546; P04641
Molecular Weight	10,549 Da
NCBI Official Full Name	osteocalcin preproprotein
NCBI Official Synonym Full Names	bone gamma carboxyglutamate protein
NCBI Official Symbol	Bglap
NCBI Official Synonym Symbols	OC; BGP; OG1; mOC-A; Bglap1
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://stage.aaabiotech.com/mouse-elisa-kits/osteocalcin-oc/147340>