

Rabbit bone gamma-carboxyglutamate (gla) protein ELISA Kit | BGLAP elisa kit

Rabbit Osteocalcin/bone gla protein, OT/BGP ELISA Kit

CATALOG #
AAA79519

REACTIVITY
Rabbit

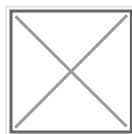
PRODUCT SYNONYMS

bone gamma-carboxyglutamate (gla) protein; Rabbit Osteocalcin/bone gla protein; OT/BGP ELISA Kit; RP11-54H19.5; BGP; OC; PMF1; bone Gla protein; bone gamma-carboxyglutamate (gla) protein (osteocalcin) ; gamma-carboxyglutamic acid-containing protein; osteocalcin; BGLAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit BGLAP. No significant cross-reactivity or interference between Rabbit BGLAP and analogues was observed.
Sequence Length	49
Samples	Serum, plasma, tissue homogenates, Cell lysates
Detection Range	1.25 ng/ml-80 ng/ml
Sensitivity	0.31 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 3	Biomineralization
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BGLAP elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BGP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for BGP and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain BGP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of BGP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	730242
UniProt Accession #	P39056
Molecular Weight	5,431 Da
NCBI Official Full Name	Osteocalcin
UniProt Protein Name	Osteocalcin
UniProt Gene Name	BGLAP
UniProt Synonym Gene Names	BGP
UniProt Entry Name	OSTCN_RABIT

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/bglap-rabbit-elisa-kits/bone-gamma-carboxyglutamate-gla-protein/79519>