

Pig Osteocalcin ELISA Kit | BGLAP elisa kit

Pig Osteocalcin ELISA Kit

CATALOG #
AAA309985

REACTIVITY
Pig

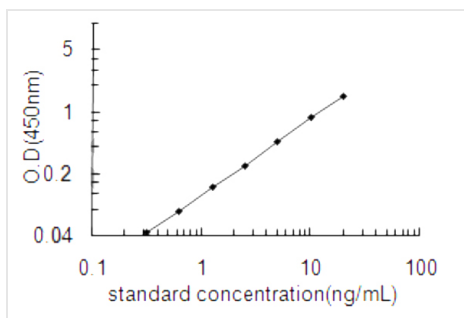
PRODUCT SYNONYMS

Osteocalcin; Pig Osteocalcin ELISA Kit; Bone Gla protein; BGP; Gamma-carboxyglutamic acid-containing protein; BGLAP; BGLAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Osteocalcin. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

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 Osteocalcin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Osteocalcin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Osteocalcin, 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 $\pm$ 2 nm. The concentration of Osteocalcin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig osteocalcin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68565621
NCBI GeneID	397530
UniProt Accession #	Q8HYY9
Molecular Weight	5,591 Da
NCBI Official Full Name	Osteocalcin
NCBI Official Symbol	BGLAP
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bglap-pig-elisa-kits/osteocalcin/309985>