

Bovine Osteocalcin ELISA Kit | BGLAP elisa kit

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CATALOG #
AAA248590

REACTIVITY
Bovine

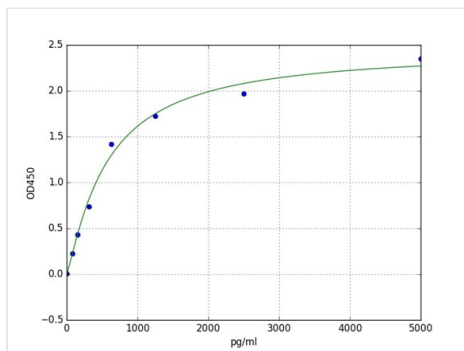
PRODUCT SYNONYMS

Osteocalcin; Bovine Osteocalcin ELISA Kit; BGLAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	100
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	4.688-300ng/ml
Sensitivity	2.813ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BGLAP elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Osteocalcin antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Osteocalcin antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Osteocalcin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of osteocalcin can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

40316933

NCBI GeneID	632
NCBI Accession #	NP_954642.1
NCBI GenBank Nucleotide #	NM_199173.5
UniProt Accession #	P02818; Q5TCK6
Molecular Weight	10,963 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; OCN
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/bovine-ovine-elisa-kits/osteocalcin/248590>