

Bovine Intestinal-type alkaline phosphatase ELISA Kit | ALPI elisa kit

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CATALOG #
AAA57421

REACTIVITY
Bovine

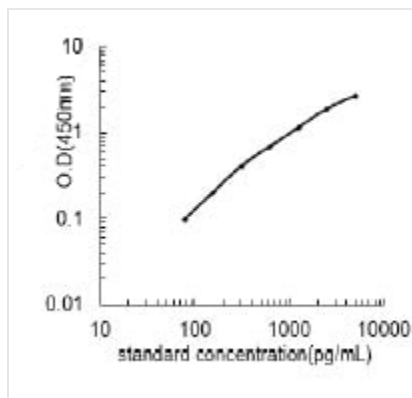
PRODUCT SYNONYMS

Intestinal-type alkaline phosphatase; Bovine Intestinal-type alkaline phosphatase ELISA Kit; IAP; Intestinal alkaline phosphatase; ALPI; 3.1.3.1; ALPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Mouse Osteocalcin Synonyms: Osteocalcin,;
Sequence Length	533
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	<7.84 pg/mL
Intra-assay Precision	Intra-Assay CV: <=6.2%
Inter-assay Precision	Inter-Assay CV: <=7.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALPI elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	2507183
NCBI GeneID	280993
UniProt Accession #	P19111; Q28124
Molecular Weight	57,100 Da
NCBI Official Full Name	Intestinal-type alkaline phosphatase
NCBI Official Symbol	ALPI
NCBI Official Synonym Symbols	IAP
NCBI Protein Information	intestinal-type alkaline phosphatase
UniProt Protein Name	Intestinal-type alkaline phosphatase
UniProt Gene Name	ALPI
UniProt Synonym Gene Names	IAP; Intestinal alkaline phosphatase
UniProt Entry Name	PPBI_BOVIN

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.