

Polyclonal Antibody to Bovine Alkaline Phosphatase - Serum

Alternate names:	Intestinal alkaline phosphatase
Catalog No.:	BP238
Quantity:	1 ml
Background:	Alkaline phosphatase (ALP) removes phosphate groups from the 5' end of DNA and RNA, and from proteins, at high pH. Most mammals have 4 different isozymes: placental, placental like, intestinal and non tissue specific (found in liver, kidney and bone). Tissues with particularly high concentrations of ALP include the liver, bile ducts, placenta, and bone. Damaged or diseased tissue releases enzymes into the blood, so serum ALP measurements can be abnormal in many conditions, including bone disease and liver disease.
Uniprot ID:	P19111
Host / Isotype:	Goat
Immunogen:	Native bovine alkaline phosphatase.
Format:	State: Liquid Serum withoutout preservatives.
Applications:	ELISA. Immunohistochemistry on Frozen Sections. Goat APAAP: Prepare immediately prior to use and do not freeze APAAP complex. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody shows only minimal reactivity with related compound when tested by RID. Has been found not to stain mouse or human marrow stromal cells fixed in 4% formalin or paraformaldehyde, paraffin or resin embedded. Species: Bovine. Others not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

GENT