

ALKALINE PHOSPHATASE (Calf Intestinal Mucosa) UNCONJUGATED

Catalog No: #NAT001

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Description

Product Name	ALKALINE PHOSPHATASE (Calf Intestinal Mucosa) UNCONJUGATED
Brief Description	Enzyme
Purification	This product was prepared from chromatographically pure alkaline phosphatase (calf intestinal mucosa).
Species Reactivity	Bovine
Conjugates	Unconjugated
Other Names	Alkaline Phosphatase, Intestinal alkaline phosphatase, calf intestine mucosa
Concentration	19.83 mg/ml by UV absorbance at 280 nm
Formulation	0.05 M Tris Chloride, 0.005M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 7.0
Storage	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Expiration date is one (1) year from date of opening.

Application Details

All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Background

Alkaline Phosphatase is an enzyme that is key in the hydrolysis of many different types of molecules, resulting in the removal of phosphate groups from said molecule. Most active in basic environments and a common serum analyte, alkaline phosphatase and its isoenzymes are good indicators of bone, liver, and testicular diseases/cancers in immunoassays and diagnostics.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.