



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet for 0000-05

## Alkaline Phosphatase

### Overview

<b>Description:</b>	ALKALINE PHOSPHATASE (Calf Intestinal Mucosa) UNCONJUGATED - 0000-05
<b>Item No.:</b>	0000-05
<b>Size:</b>	1 mg
<b>Origin:</b>	Bovine

### Product Details

<b>Background:</b>	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.
<b>Synonyms:</b>	Alkaline Phosphatase, Intestinal alkaline phosphatase, calf intestine mucosa
<b>Species of Origin:</b>	Bovine
<b>Reagent Type:</b>	Enzyme
<b>Specific Activity:</b>	>6,000 units/mg (unit = hydrolysis of ~6 mM p-nitrophenol phosphate/ minute at 37°C, pH 9.8)

### Target Details

<b>Purity/Specificity:</b>	This product was prepared from chromatographically pure alkaline phosphatase (calf intestinal mucosa).
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### Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	19.83 mg/ml by UV absorbance at 280 nm
<b>Buffer:</b>	6mM Tris Chloride, 6mM Magnesium Chloride, 0.12mM Zinc Chloride; pH 7.6
<b>Preservative:</b>	None
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
<b>Storage Condition:</b>	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.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

