

Native Rabbit Alkaline Phosphatase

Cat. No. NATE-0060

Lot. No. (See product label)

Introduction

Description

Alkaline phosphatase (ALP, ALKP, ALPase, Alk Phos) (EC 3.1.3.1) is a hydrolase enzyme responsible for removing phosphate groups from many types of molecules, including nucleotides, proteins, and alkaloids. The process of removing the phosphate group is called dephosphorylation. As the name suggests, alkaline phosphatases are most effective in an alkaline environment. It is sometimes used synonymously as basic phosphatase.

Synonyms

Alkaline phosphatase; ALP; ALKP; ALPase; Alk Phos; EC 3.1.3.1; Alkaline phosphomonoesterase; Glycerophosphatase; Phosphomonoesterase

Product Information

Species

Rabbit

Source

Rabbit intestine

EC Number

EC 3.1.3.1

CAS No.

9001-78-9

Activity

0.2-0.6 unit/mg solid (in glycine buffer)

Unit Definition

One unit will hydrolyze 1 μ mole of 4-nitrophenyl phosphate per minute at pH 10.4 at 37°C.

Storage and Shipping Information

Storage

-20°C