CREATIVE BIOMART®
Assay Kit

NADPH-Cytochrome C Reductase (NCR) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Alkaline Phosphatase (ALP) is widely distributed in tissues such as liver, bone, kidney, and intestine. It participates in dephosphorylation reactions and is an important clinical biomarker for liver and bone diseases.
Principle of Measurement: ALP catalyzes the hydrolysis of phosphate esters under alkaline conditions to produce phenol or p-nitrophenol. The reaction product exhibits a characteristic absorbance at 405 nm, which is used to calculate ALP activity.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Synonyms

NCR Kit

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, thermostatic water bath, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

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