

## Native Bovine Protein Phosphatase 2A2

Cat. No. NATE-0617

Lot. No. (See product label)

### Introduction

#### Description

Protein phosphatase 2A (PP2A) is a specific protamine-kinase-inactivating phosphatase, one common physiological form of which is PP2A2. Protein Phosphatase 2A2 from bovine kidney was shown to be a unique inhibitor of protamine kinase while other phosphatases in the same family including PP1, PP2B, PP2C did not show any inhibition.

#### Applications

Protein phosphatase 2A2 has been used in a study to investigate two heat-stable protein inhibitors. It has also been used in a study to describe the purification and properties of a protamine kinase from bovine kidney microsomes.

#### Synonyms

Protein Phosphatase 2A2; PP2A2

### Product Information

#### Species

Bovine

#### Source

Bovine kidney

#### Form

buffered aqueous glycerol solution

#### Activity

~2.0 U/vial

#### Buffer

Solution of 1 µg per vial in 50 µl of 50 mM Tris-HCl, pH 7.0, containing 14 mM β-Mercaptoethanol, 1mM benzamidine, 0.1 mM PMSF, 1mM EDTA, and 50% glycerol.

### Storage and Shipping Information

#### Stability

–70°C