

## BCIP-NBT Solution

*Cat. No.* CSUB-0754

*Lot. No.* (See product label)

### Introduction

**Description** BCIP-NBT Solution is a 5-bromo, 4-chloro, 3-indolylphosphate (BCIP)/Nitro-Blue Tetrazolium (NBT) substrate, used for the localization of alkaline phosphatase (AP) labeled probes on western, northern, southern and dot blots. BCIP acts as the substrate for AP and reacts further after the dephosphorylation to give a dark-blue indigo-dye as an oxidation product; NBT serves herein as the oxidant and also gives a dark-blue dye, intensifying the color and making the detection more sensitive. Recommended for use with Crystal Mounting Medium (sc-24943).

**Applications** A substrate for alkaline phosphatase (AP) based detection systems including western blotting

### Product Information

**Form** Liquid

**CAS No.** 67-56-1

**Substrates** Kinase; PKA; ERK 2; PKG; PKC $\alpha$

### Storage and Shipping Information

**Storage** Store at 4° C