

## BCIP/NBT

**Description:** BCIP/NBT (5-Bromo-4-chloro-3-Indolyl Phosphate/Nitroblue Tetrazolium) is a refrigerator stable, single component solution for immunohistochemical, in situ hybridization, western, northern and southern blot procedures. This reagent is specifically formulated for use with Alkaline Phosphatase enzyme. BCIP/NBT produces a purple reaction product.

**Contents:** 5-Bromo-4-Chloro-3-Indolyl Phosphate and Nitroblue Tetrazolium in a combination of organic solvents.

**Availability:**

<u>Item #</u>	<u>Volume</u>
ACN006	6 ml
ACN015	15 ml
ACN050	50 ml
ACN125	125 ml
ACN200	200 ml
ACN500	500 ml
ACN999	1 Liter

**Storage:** Store BCIP/NBT at 2-8°C. Product is stable for 18 months from date of manufacture.

**Procedure:**

1. Incubate tissue section for 5-15 minutes at room temperature after incubation with Alkaline Phosphatase label.
2. Apply mixture to tissue section.
3. Incubate tissue section for 10-25 minutes.
4. Rinse tissue, counterstain\*, and coverslip using an aqueous mounting media.
  - Possible counterstains:

Mayer's Hematoxylin	HAQ	Blue Nuclei
Methyl Green	MGS	Green/Blue Nuclei
Nuclear Fast Red	NFR	Red Nuclei

**Precautions:** Do not pipet reagent by mouth. Avoid contact with skin and eyes. Wash after use. Observe all federal, state and local environmental regulations regarding disposal.