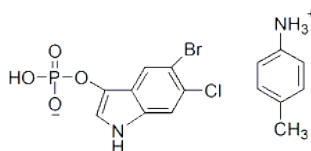
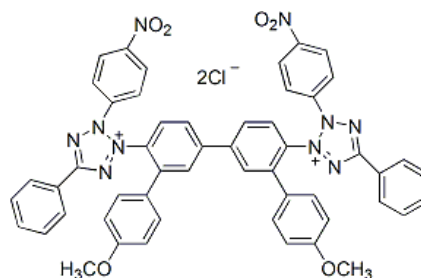


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** BCIP Red/NBT Kit**CATALOG #:** 10005**MOLECULAR INFORMATION:****BCIP Red:**  
 $C_{15}H_{16}BrClN_2O_4P$   
Mwt: 433.6  
[6769-80-8]**NBT:**  
 $C_{40}H_{30}Cl_2N_{10}O_6$   
Mwt: 817.7  
[298-83-9]**PROPERTIES:**  
**Color & Form**  
**Purity**  
**Solubility****BCIP Red:**  
White solid  
≥ 98% by TLC  
Soluble in DMF**NBT:**  
Yellow solid  
≥ 95% by TLC  
Soluble in water and DMSO**STORAGE AND HANDLING:**

Stored desiccated at ≤ 4 °C upon receipt. Protect components from light, especially when in solution.

This kit contains 100 mg each of BCIP Red (5-bromo-6-chloro-3-indoxyl phosphate, *p*-toluidine salt, #10004) and the precipitation inducer NBT (nitro blue tetrazolium, #10008). BCIP Red is a derivative of BCIP. Unlike BCIP, which yields a blue precipitating product, BCIP Red produces a red colored precipitate. It is often used with the oxidant NBT, which facilitates the precipitation.**APPLICATION:**Ref: *Biotechniques* **12**, 656(1992); *Histochemistry* **58**, 203(1978)**TOXICITY:**

Unknown

Potentially harmful; avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

**FIRST AID:****Disclaimer:** Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.