**BCIP/NBT solutions**

**BIORAD:**

**NBT (50 mg/mL) in 70% dimethylformamide**

Mix: 700 μL N, N-Dimethylformamide (DMFA)

300 μL Milli Q water

1 mL total 70% DMFA

Add 50 mg NBT (1706532 <600mg> Bio-Rad)

Vortex until dissolved

Store at 4˚C in the dark

**BCIP (12.5 mg/mL) in 100% dimethylformamide**

4 mL of 100% DMFA

Add 50 mg BCIP (210007498 <300mg> Bio-Rad)

Vortex until dissolved

Store at -20˚C in the dark

(Note: This stuff does not dissolve in 50 mg/mL)

**PROMEGA:**

**Alternative – Buy the solutions [50mg/mL each] from Promega:**

NBT (S380C <2500uL> Promega)

BCIP (S381C <1250uL> Promega)

As of May 12th, 2011, buying the solutions from Promega is about 2.5x more expensive than making the solutions myself. However, Bio-Rad says that the stock solutions can only be stored for 3 months. So either make smaller quantities or just buy the ready solutions from Promega.