

## BCIP/NBT Solution & BCIP/INT Solution *Biotechnology Grade* (E116, E692)



AMRESCO's BCIP/NBT & BCIP/INT solutions are ready to use, single component liquid substrates for Alkaline Phosphatase detection. These solutions are effective for use with membrane-bound and *in situ* hybridizations utilizing an Alkaline Phosphatase based detection system.

### BCIP/NBT Solution

BCIP/NBT is a rapid, sensitive method for Alkaline Phosphatase detection that is easy to use. After binding an alkaline phosphatase-conjugated antibody or probe, simply overlay your blot or slide with the liquid substrate. The alkaline phosphatase is detected by the formation of a dark blue NBT formazan that is insoluble in water and lipid. BCIP/NBT solution will detect as little as 0.62 pmol of alkaline phosphatase in a 1 ml volume.

BCIP/NBT solution is available in a 100 ml size containing  $4.8 \times 10^{-4}$  mol/liter BCIP and  $5.1 \times 10^{-4}$  mol/liter NBT (no dilution before use is necessary).

### BCIP/INT Solution

BCIP/INT is an excellent choice for *in situ* hybridizations, when tissues will be counterstained with hematoxylin. Its brick-red end product is clearly visible against a blue hematoxylin background, avoiding the misleading results that can arise from observing NBT formazan under these conditions.

This substrate is ready to use, straight from the bottle, with no dilutions or mixing. Sensitivity is excellent -- in immunoblotting assays, BCIP/INT solution will detect sub-nanogram levels of mouse IgG.

These solutions are stable for approximately 6 months after opening when stored cold (2-8°C).

### ORDERING INFORMATION:

	Code	Size
BCIP/NBT	E116	100 ml
	3 or more	100 ml
BCIP/INT	E692	100 ml
	3 or more	100 ml

