



CERTIFICATE OF ANALYSIS

Product ALKALINE PHOSPHATASE ANTI-DINITROPHENYL (DNP)
AFFINITY-PURIFIED

Catalog No. MB-3100

Amount 150 μ g

Lot No. Z0731

Produced in rabbit

Concentration 0.5 mg/ml

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide,
Immunohistochemical grade bovine serum albumin has been added
for stabilization.

Storage Refrigerate; DO NOT FREEZE

Usage Information

For DNA/RNA transfer blot applications, a concentration of 1 μ g/ml made in 1X Casein Solution (Cat. No. SP-5020) or TBS or PBS containing 0.1% Tween 20 is recommended with a suggested incubation time of 30 minutes at room temperature with BCIP/NBT as the substrate.

For *in situ* hybridization applications, a concentration of 5-10 μ g/ml made in TBS, pH 7.6 containing 3% bovine serum albumin (Cat. No. SP-5050) and 0.1% Triton X-100 or 4X SSC, 5% nonfat dry milk and 0.1% Tween 20 is recommended with a suggested incubation time of 30 minutes at room temperature using BCIP/NBT for 30 minutes. For an overnight incubation with BCIP/NBT substrate, use alkaline phosphatase anti-DNP at a concentration of 0.2-2.0 μ g/ml.

Please note that the above conditions and accompanying protocols are provided only as guidelines-conditions should be optimized for individual cases.

see reverse for additional applications