

BCIP/NBT, Ready-to-use Substrate

Cat. no.: 4410

Lot. no.: _____

Date of manufacture: _____

Exp. Date: _____ When stored at 4°C in an unopened bottle).

Analysis: The substrate is analyzed for consistent activity and background.
Activity and Background (Direct method):
 A standard serial dilution (n=5) of an AP-conjugated antibody are dotted (1µl/dot) in duplicate on a nitrocellulose membrane. After drying, the membrane is incubated for 10 minutes in the substrate and the reaction is stopped by washing for 2 minutes in distilled water.
 The activity and background is compared to a reference NBT lot with known activity and background.

Specifications: Activity and background (visual interpretation):
 For all dilutions, no significant difference in the dots intensities must be seen between the tested lot and the reference lot. The extinction dilution (no visible dot) must be the same. The background must be clear or light purple, but not yellow on the dried membrane.
 No significant difference in the background intensity must be seen between the tested lot and the reference lot.

Results: Activity test: _____
 Background: _____

Storage: Short term storage: Ambient; protected from light.
 Long term storage: 4°C; protected from light.

Performed by: Date : _____ Sign. : _____

Approved by: Date : _____ Sign. : _____

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Certificate of Analysis