

BCIP/NBT

CHROMOGENIC SUBSTRATES

Precipitating AP Substrate

Cat. No. 4410

Lot No.: xxxxxxXxx

Date of manufacture: mm-yyyy

Expiry date: mm-yyyy (When stored at 2-8 °C in an unopened bottle)

Analysis: The substrate is analyzed for consistent sensitivity, background of the strips, appearance, and pH. Only the procedure for sensitivity and background is described in the CoA.

Dot blot: Nitrocellulose membranes predotted with AP-conjugated antibody are used. The membrane is incubated for 30 minutes in the substrate and the reaction is stopped by rinsing the strips with ELIX water. Following the strips are dried for 2 h before visual evaluation. The sensitivity and background are compared to a reference BCIP/NBT lot with known sensitivity and background.

Specifications:

- Sensitivity: AP sensitivity and intensity of the dots must be the same as the reference
- Background: The background of the strips must be clear or light purple, but not yellow
- Appearance: Clear solution with no to slightly yellow color
- pH: 9.35-9.75

Results:

- Sensitivity: Passed
- Background: Passed
- Appearance: Passed
- pH: x.xx

Storage: Short-term storage: Ambient; protected from light.
Long-term storage: 2-8 °C; protected from light.

It is hereby confirmed that the product was manufactured according to our standard operating procedures and that the product complies with all specifications.

Performed by: _____ **Date:** dd-MMM-yyyy **Signature:** XX

Approved by: _____ **Date:** dd-MMM-yyyy **Signature:** XX