

ImmunoStrip® for neomycin phosphotransferase II (NPTII)



Part Number: STX 73000/0050

Test Label: NA
Test Format: ImmunoStrip®
Capture Reagent: NA
Detection Reagent: NA

Intended Use:

Roundup Ready® cotton expresses the selectable marker protein neomycin phosphotransferase (NPTII), while Roundup Ready® Flex cotton does not. This ImmunoStrip® was developed and validated to determine the presence or absence of NPTII protein in single seeds of Roundup Ready® cotton and to confirm the absence of the NPTII protein in single seeds of Roundup Ready® Flex cotton.

This ImmunoStrip® is appropriate only when testing varieties of (Roundup Ready® cotton, which expresses the NPTII protein) and varieties of (Roundup Ready® Flex cotton, which does not express the NPTII protein). Testing any stacked-trait events, such as Bollgard II with Roundup Ready® cotton is not recommended. Only Roundup Ready® and Roundup Ready® Flex events listed are appropriate for testing. Composite testing of seeds and leaves is also not recommended.

The NPTII ImmunoStrip® test will detect only the NPTII protein and has shown no cross-reaction with PAT/bar, PAT/pat, Bt-Cry1Ac, Bt-Cry2Ab or Bt-Cry1F.

Includes:

- ImmunoStrips®
- **SEB4 sample buffer (seed testing)**, not included, see related products
- **PEB1 sample buffer (leaf testing)**, not included, see related products
- [User Guide](#)

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