

Product Specification Sheet

Delvotest® SP NT

Version 2026 07 13

Product Information

Description This product is a standard diffusion test for the detection of residues of antibacterial substances in milk samples. The test contains solid agar medium with a standardized number of spores of *Geobacillus stearothermophilus* together with required nutrients for growth and antifolate trimethoprim. The medium is coloured purple by the pH indicator bromocresol purple.

Milk samples which are free from antibacterial substances, or contain them below specified levels will, when added to the test at the level of 0.1 ml and incubated at $64 \pm 2^{\circ}\text{C}$, allow germination and growth of the bacteria. This will lead to a change in colour of the indicator to (partially) yellow. When the milk sample contains antibacterial substances at or above the test sensitivity, growth is inhibited and as a result the colour remains (predominantly) purple.



Application Antibiotic residue detection in milk by bacterial growth inhibition.

Appearance Ampoules and Plates — 96 tests in dividable strips of 6x 16 tests

Sensitivity

The limits of detection at Control Time (CT) reading are:

Antibiotic	Concentration (ppb)	Observed colour
Penicillin G	4	Purple
Sulfadiazine	100	Predominantly purple

Control Time (CT) is defined as the incubation time required for the color of the test to change from purple to yellow with inhibitor free milk. The test duration at Control Time (CT) reading is 2 hours and 30 minutes $\pm$ 15 minutes at $64 \pm 2^{\circ}\text{C}$. Sensitivities for various antibiotics as CC β are available on request.

Infection Control

No microbial growth for 1 week at 30°C.

Regulatory information

Local legislation must always be consulted. The product is not foodstuff or food-contact material, therefore Regulation (EC) No 1829/2003 of the European Parliament and of the Council (22 September 2003) on genetically modified food and feed is not applicable for this product.

Packaging & Storage

Packaging	Product number 28299: Delvotest® SP NT, mini 10 ampoules Product number 13321: Delvotest® SP NT, mini 25 ampoules Product number 13323: Delvotest® SP NT, 100 ampoules Product number 8422: Delvotest® SP NT, 5 plates Product number 8421: Delvotest® SP NT, MCS 20 plates
Transport conditions	Transport condition statement available upon request.
Storage	Store upright in the original packaging at $6 \pm 2^{\circ}\text{C}$, protected from freezing.
Shelf life	Kept in the original packaging under the recommended storage conditions, the product has shelf-life of 12 months after the production date.

For questions write us at support@delvotest.com and/or check our website www.delvotest.com

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