

Delvotest® SP mini

Ampoule kit

Description

Delvotest® SP mini is a standard diffusion test for the detection of antibiotic and sulfonamide residues in milk. The test consists of an agar medium seeded with a standardised number of spores of *Bacillus stearothermophilus* var. *calidolactis*, an antifolate and is coloured purple by the pH indicator bromocresol purple.

Milk samples that are free from antibiotic and/or sulfonamide residues, or milk samples containing inhibitory substances below the specified sensitivity levels, added to the test in an amount of 0.1 ml together with a nutrient tablet will upon incubation at 64°C, allow germination and growth of the bacteria leading to a change in colour of the indicator from purple to yellow. When the milk sample is containing antibiotic residues at or above the test sensitivity, growth is inhibited and by this the colour remains purple.

Presentation

Polypropylene ampoules in 1 block of 25 ampoules. The ampoules can be separated into single test ampoules dependent on the number of tests to be executed.

Incubation requirements and sensitivity at product release:

Test duration:

The minimum test duration is defined as the incubation time required for the colour of the test to change from purple to yellow with inhibitor free milk.

The test maximum duration is 2 hours and 30 minutes at 64 +/- 0.5°C at the time of product release.

Sensitivity specification:

The sensitivity at the minimum test duration with inhibitor free milk is:

Penicillin G		Sulfadiazine	
Concentration (milk)	Observed colour	Concentration (milk)	Observed colour
1 ppb	yellow to yellow/purple	100 ppb	predominantly purple
4 ppb	purple		

At recommended reading time (per product instruction 3 hours) purple colours might be effected being less intensive.

Infection control:

Requirement :

No microbial growth for 14 days at 30°C.

Storage stability:

When stored up right under dark and dry conditions at the recommended constant temperature of below 15°C (preferably 6-15°C), prevented from freezing, the shelf-life of the Delvotest® SP mini is 8 months from the date of manufacture. This date is indicated on the label.

"To the best of our knowledge, the information contained herein is accurate and complete. However, nothing herein contained shall be construed to imply any warranty or guarantee".