

# Delvotest® The test you can rely on

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## Delvotest® SP NT – a simple, reliable inhibitor research tool for farmers

### What is Delvotest® SP NT?

Delvotest® SP NT is a set of equipment that enables farmers, even without special training, to check quickly and cost-effectively that the milk from a tank or a cow does not contain antibiotic residues. It is the most-consistent, accurate and cost-efficient test for individual cows.

### Is Delvotest® SP NT relevant for all types of farming?

Delvotest® SP NT is the most widely used test for antibiotic residues throughout the world. In some countries, including Germany and Belgium, more than 50% of farmers use Delvotest® SP NT. Using this equipment is a new way of safeguarding deliveries - worldwide, several thousand farmers are fined every year for non-compliance with antibiotic regulations. In some cases, the collection tanker is contaminated, which means considerable losses for the industry. Although conventional measures are vital, they cannot be relied upon to avoid all problems. By using Delvotest® SP NT regularly as a supplementary precaution, farmers can reduce risk and take control of their own production.

### Testing – a necessity for growing farms

The size of farming operations increases year on year, with annual milk production now averaging over 250,000 liters. This is thanks not only to a growing number of cows, but also new farming practices. If testing regimes do not keep pace with this growth, there is an increased risk of residues in milk. Using controls like Delvotest® SP NT enables farmers to adapt to these developments by checking individual batches of milk or the whole tank whenever necessary.

### What do dairies and vets think of this?

As far as dairies are concerned, anything that can help to safeguard deliveries and better meet the requirements of the government and consumers is a step in the right direction. However, it is vital that when tests are undertaken, they are performed under the right conditions and for the correct reasons. Vets accompany farmers every step of the way in the use of medication and are integral to appropriate antibiotic management. When protocols are changed, it is useful to test the milk to ensure there are no antibiotics present, even after the withholding period.

### How can a farmer get training and the right equipment?

Delvotest® SP NT is very easy to use, so farmers can simply read the instructions for use or view online demonstrations. To obtain the equipment, the farmer can order a Delvotest® Starterkit, then the test kits themselves. Carbon group provide a full nationwide support to answer all your queries.



### Delvotest® Sensitivities\*

	Max. Residue levels (MRL)	Safe levels (SL) (US)	Delvotest® SP NT
Penicillin G	4	5	2
Amoxicillin	4	10	2 - 3
Ampicillin	4	10	2
Cloxacillin	30	10	12
Cephapirin	60	20	2
Cephalexin	100	-	45
Cefquinome	20	-	65 - 75
Tetracycline	100	300	270 - 300
Oxytetracycline	100	-	250 - 300
Chlortetracycline	100	-	120 - 150
Sulfadiazine	100	10	50 - 65
Sulfathiazol	100	10	40
Sulfadimethoxine	100	10	50

\* This is not an extensive list, as there are much more antibiotics that the tests can detect, for which we have the technical bulletins

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or speak to our Sales Manager Eddie O'Dwyer on Mob: 086 259 14 98

See how it works: [www.delvotest.com](http://www.delvotest.com) -> Delvotest for farmers



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## Delvotest® SP NT – a simple, reliable inhibitor research tool for farmers

### Question 1 – What's in it for me?

Testing in farming means that any contaminated milk can be identified and discarded before it contaminates the bulk tank or even worse the tanker and incur significant fines. Additional checks on the tanks themselves can be made for extra reassurance. The main benefit of the test is the guaranteed reduced risk of financial penalties.

### Question 2 – When should Delvotest® SP NT be used?

The test should be used on-farm in two instances:

- On tank milk where the farmer suspects there could be a risk of contamination. Examples may include where a cow has been treated with antibiotics, after calving, or sent in error for milking or where there is an increased risk of error (for example, milking carried out by a replacement worker).
- On individual samples of milk whenever antibiotic treatment has been applied. Sometimes treatments can extend the withhold period, for instance. The use of several treatments at the same time, too short a dry period (with the risk of residues present beyond the five-day colostral period) are other examples of occasions where testing is advised. Withholding the milk until you get a negative result from a Delvotest® SP NT will give the necessary security that the bulk tank is clear.

### Question 3 – Does this involve special equipment, premises or training?

All the equipment is provided with the Delvotest® SP NT, which consists of a programmable incubator and everything needed for handling and testing the samples. The cost of buying the equipment is around € 200. All that is needed is the corner of a table wherever you choose, for example in an office. The test has been designed to be simple to use and many thousands of farmers use it throughout the world. The test's design means that if there is an error when it is used, a positive result is shown. This ensures that you will never deliver contaminated milk mistakenly to your dairy.

### Question 4 – Is there a regulatory requirement to run a test?

The test must be used within the existing regulatory framework with a vet who is responsible for antibiotic prescriptions. The farmer's primary obligation is to produce milk that does not contain residues. Together with the vet and the dairy, farmers can tighten controls and safeguard their quality approach.

### Question 5 – Is it really profitable for farmers to use a test?

Recent studies show that there is no comparison between the cost of using Delvotest® SP NT (within a rigorous QC framework) and the cost of a fine. The annual average cost for a farmer, with 30 milking cows, is between € 100-150, whereas the risk of a fine in one bulk tank of 3,000 liters that can contaminate a truck of 25,000 liters is around € 6,500.

### Question 6 – How long does testing take?

Conducting the test only takes five minutes and results are available after incubating for 3 hours. An automatic system means that this reading may be changed without affecting the result. It is possible to make arrangements to do the test without changing your work planning.

### Question 7 – Is there an expiry on the tests, and how can they be renewed?

Each test lot has a specific expiry date. The shelf life of the tests is twelve months, after which new tests would be required.



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