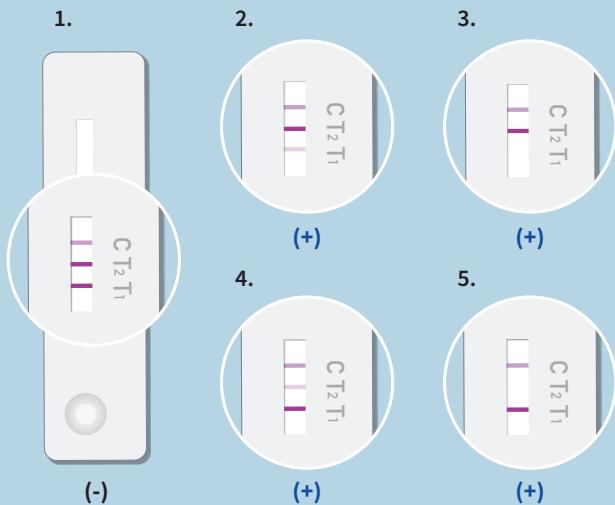


ASSESSING DUPLEX BT SCAN RESULTS



1. Negative (-): No Beta-lactam/Tetracycline antibiotics are present in the sample. The test field clearly shows 3 red lines – the test lines 1 and 2 and the control line (C).

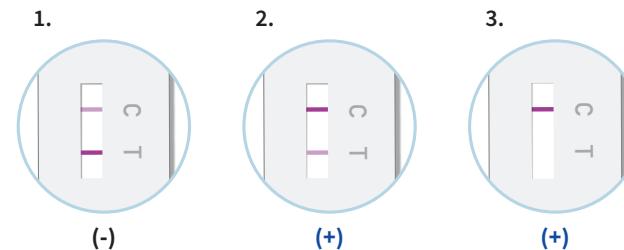
2. and 3. Positive (+): Tetracycline antibiotics are present in the sample. The test field shows 2 red lines – the test line 2 and the control line (C). Both lines are distinct. Test line 1 is not visible or very faint.

4. and 5. Positive (+): Beta-lactam antibiotics are present in the sample. The test field shows 2 red lines – the test line 1 and the control line (C). Test line 2 is not visible or very faint.

STORAGE

The test kit is stored at 5–16° C to maintain its sensitivity for 12 months from the date of production, as specified in the product description on the product's shelf life. Protect BETA Scan Milk Test and DUPLEX BT Scan Milk Test from freezing temperatures. To the best of our knowledge, the information contained herein is accurate and complete. Nonetheless, none of the information contained herein should be construed as a guarantee.

ASSESSING BETA SCAN RESULTS



1. Negative (-): No Beta-lactam antibiotics are present in the sample. The test field shows 2 red lines. The line marked (T) is more distinct than the control line (C).

2. and 3. Positive (+): Beta-lactam antibiotics are present in the sample. The test line (T) is either very faint or not visible. The control line (C) is clearly visible.

DETECTABLE ANTIBIOTICS

SUBSTANCES	MRL	BETA SCAN	DUPLEX BT SCAN
BETA-LACTAMS:			
Amoxicillin	4	4	3
Ampicillin	4	4	3
Cefapirin	60	8	8
Cefalonium	20	4	4
Ceftiofur	100	100	100
Cefoperazone	50	5	5
Cefquinome	20	15	15
Cloxacillin	30	10	10
Oxacillin	30	5	5
Penicillin G	4	2	2
TETRACYCLINES:			
Chlortetracycline	100	–	75
Oxytetracycline	100	–	75
Tetracycline	100	–	75

DUPLEX BT SCAN MILK TEST BETA SCAN MILK TEST

Rapid tests for detecting antibiotics
in milk using IRIS



05.11.24 | Version 2.5
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e ANALYTICS

RAPID TESTS

BETA SCAN

The milk test BETA Scan detects Beta-lactam antibiotics in milk

- The ready-to-use test is safe, fast and accurate
- Single-step test
- Easy use
- The result is available in only 6 minutes

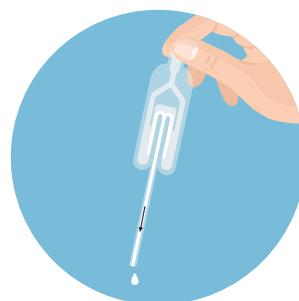
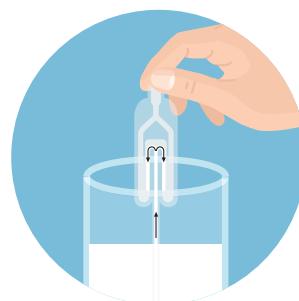
DUPLEX BT SCAN

The milk test DUPLEX BT Scan detects Beta-lactam and Tetracycline antibiotics in milk

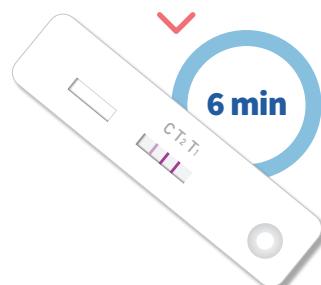
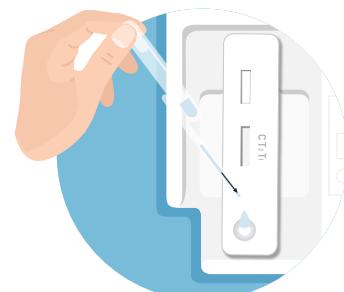
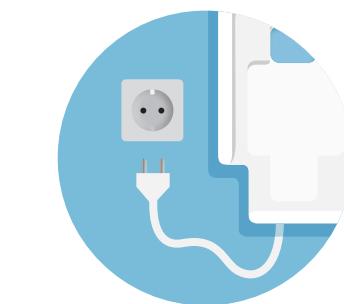
INSTRUCTIONS USING THE PIPETTE

Please do not use any other pipette than the clean pipette that is supplied with the kit.

1. Squeeze the rubber bulb, immerse the tip of the pipette into the milk sample and allow the rubber bulb to expand. As it does so, it sucks up exactly **100 µl of milk**; any excessive milk is drawn into the overflow tank of the pipette.
2. Press the bulb **again and only once**. This dispenses exactly 100 µl of milk. Please **do not** dispense the excess milk inside the overflow tanks onto the test strip!



INSTRUCTIONS FOR MANUAL EVALUATION OF MILK TEST RESULTS USING THE RAPID-INKU



1 Heat the **RAPID-INKU** to $37^\circ\text{C} \pm 3^\circ\text{C}$ **five minutes** before using the incubator. To heat the **RAPID-INKU**, connect the USB to the power plug.

2 Remove the **test kit** from its package and place it in the **RAPID-INKU** heater with the sample reservoir (S) facing downwards.

Use the pipette supplied and follow the instructions on the left. Dispense the milk sample into the of test strip reservoir (S).

Please take note! Use a new and clean pipette for each sample. Ensure no milk is spilled onto the results field.

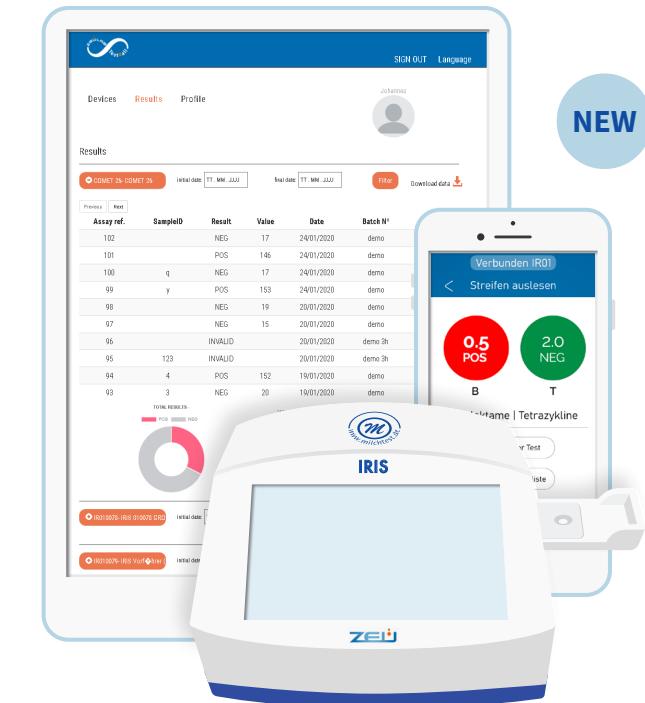
3 Place the plexiglass lid on the **RAPID-INKU**.

4 After a reaction time of **6 minutes**, you can read the test result by assessing the test lines (see evaluation card). **Do not** make any assessment **later than 20 minutes** after dispensing the milk into the reservoir.

Note! The incubation time in **RAPID-INKU** may vary depending on the fat content and the temperature of the milk sample.

AUTOMATIC EVALUATION

IRIS is an automated analysis device that reads out the results of the DUPLEX BT Scan and BETA Scan tests as well as further milk tests. The results are available on your smartphone and the Test4all website where they are safely retrievable through your account.



Further information on IRIS and detailed user instructions are available at www.milchtest.de

Scan the code to access the website →

