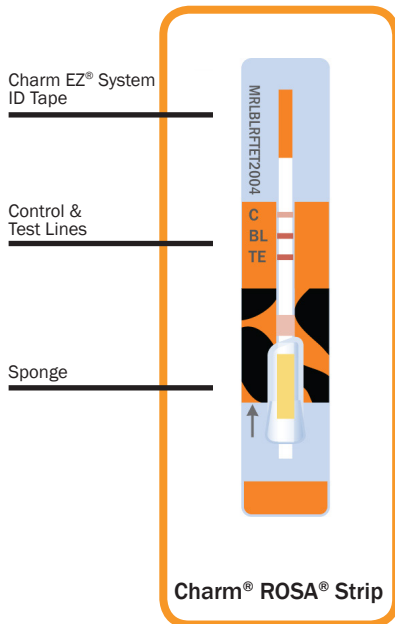


Charm MRL Beta-lactam Customs Union Tetracycline 2-Minute Combo Test for Milk

2
minutes

Product Overview



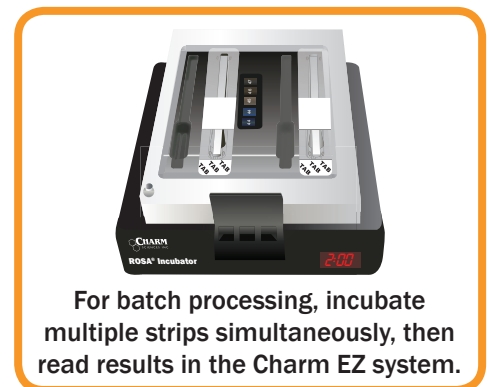
Charm ROSA (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm Beta-lactam Customs Union Tetracycline test (MRLBLRFTE2) Test** is the fastest combo test for the detection of beta-lactam and tetracycline drugs in milk...just 2 minutes! Charm Sciences has designed the new combination kit to meet the specific requirements for export of milk products to the Customs Union Countries (Russia, Kazakhstan, and Belarus) (Federal Law No. 88 FL 88, "Technical regulation on milk and dairy products").

The 2-minute combination test is designed for use by dairy producer, milk intake, laboratory, field, transport, and regulatory personnel.

Benefits of MRLBLRFTE2 Test:

- Achieves results in 2 minutes
- Detects beta-lactam and tetracycline drugs
- Meets EU/MRL/RF/CODEX

Simple Procedure



Rapid One Step Assay

Sensitivity in Milk

Detection Ranges in Cow Milk at 0 to 7 °C		
Beta-lactam Drug	Detection Range (ppb ^A)	EU/CODEX MRL (ppb ^A)
Amoxicillin	3 to 4	4
Ampicillin	3 to 4	4
Cefacetile	30 to 50	125
Cefalonium	8 to 12	20
Cefazolin	15 to 30	50
Cefoperazone	1 to 2	50
Cefquinome	15 to 20	20
Ceftiofur and Metabolite ^B	40 to 70	100/100
Cephapirin	10 to 20	60 ^C
Cloxacillin	10 to 20	30
Dicloxacillin	10 to 20	30
Oxacillin	10 to 20	30
Penicillin G	1.5 to 2.5	4/4
Tetracycline Drug	Detection Range (ppb ^A)	Russian Federation (ppb ^A)
Chlortetracycline	6 to 10	10 ^D
Doxycycline	6 to 10	10
Oxytetracycline	6 to 10	10 ^D
Tetracycline	6 to 10	10 ^D

^A parts per billion or µg/kg

^B Ceftiofur parent drug sensitivity is approximately one quarter of those reported in the table

^C U.S. Tolerance is 20 ppb cephalosporins

^D Russian Technical Regulation on Milk and Milk Products. Federal Law No.88 FL 88 of 12 June 2008

Ordering Info

Order Codes	Each Kit Includes
LF-MRLBLRFET2-20K LF-MRLBLRFET2-100K LF-MRLBLRFET2-500K	Test Strips and Positive Controls

See Operator's Manual for additional kits and order codes