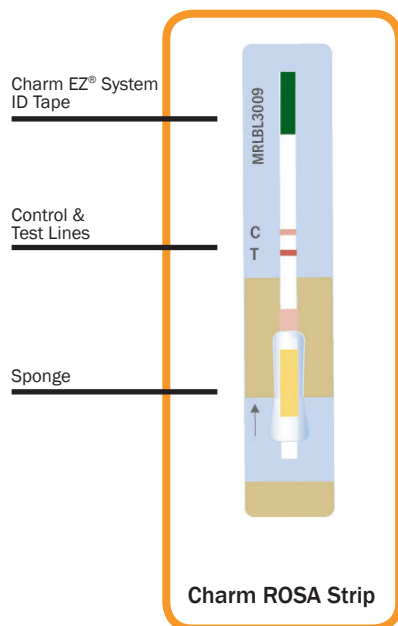


Charm MRL Beta-lactam Test for Milk

8
minutes

Product Overview

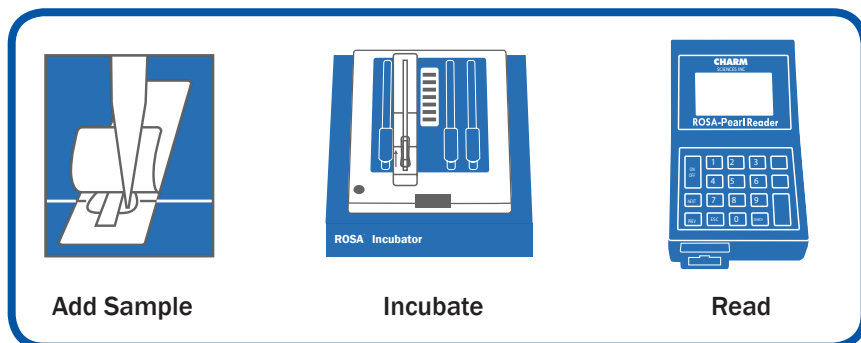


Charm® Rapid One Step Assay (ROSA®) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm MRL Beta-lactam Test (MRLBL)** is the only test that detects 14 primary beta-lactams at or below EU and CODEX Maximum Residue Limits (MRLs) and is closer to established limits than any other milk test. The test is easy to use, requiring minimal equipment. The MRLBL test ensures that milk is safe for processing and consumption.

Benefits of the MRLBL Test Include:

- Achieves results in 8 minutes
- Detects beta-lactams
- Meets EU/MRL /CODEX

Simple Procedure



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
Cefacetrile	8 to 18	125
Cefalexin	30 to 60	100
Cefalonium	3 to 5	20
Cefazolin	12 to 20	50
Cefoperazone	5 to 9	50
Cefquinome	15 to 20	20
Ceftiofur and Metabolite ^B	10 to 20	100
Cefuroxime	3 to 5	50
Cephapirin	6 to 10	60 ^C
Cloxacillin	25 to 35	30
Dicloxacillin	20 to 30	30
Penicillin G	2 to 3	4

^A parts per billion

^B Ceftiofur parent drug sensitivity is approximately 1/4 those reported in the table

^C U.S. Tolerance is 20 ppb cephalapirin

Ordering Info

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

See Operator's Manual for additional kits and order codes