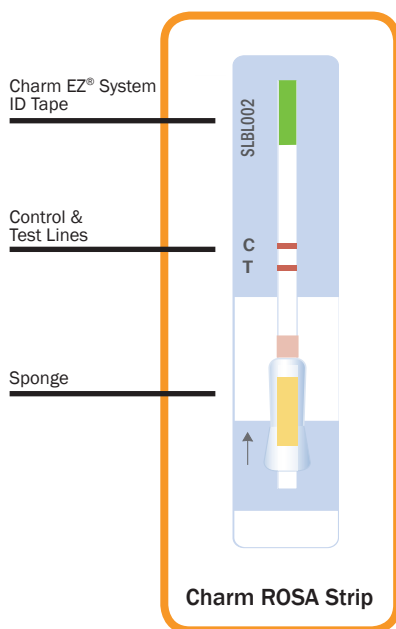


Charm SL Beta-lactam Test for Milk

8
minutes

Product Overview



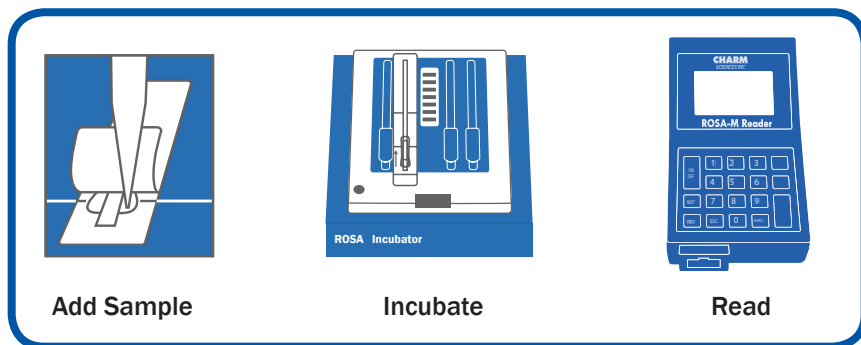
Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm SL® Beta-lactam Test (SLBL)** meets US Safe Levels for 5 of the most widely used beta-lactam drugs. The SLBL test is specifically designed to limit rejection of non-violative milk compared to overly sensitive screening tests. By providing a close match to Safe Levels, SLBL ensures milk is safe and wholesome for processing and consumption. SLBL is approved to screen multiple species of milk including raw commingled cow, goat, sheep and buffalo under Appendix N of the US Pasteurized Milk Ordinance.

SLBL is easy to use, requires minimal equipment and can be read visually. It is ideal for use by processors, haulers and farmers as it works for cow samples, raw commingled milk, or pasteurized product (whole milk). Charm tests help ensure uniformity in testing no matter what stage milk is tested.

SLBL Test:

- ✓ Achieves results in 8 minutes
- ✓ Detects 5 beta-lactam drugs
- ✓ Can be read visually or with Charm readers
- ✓ Incubates in just one step
- ✓ Meets NCIMS Approval for Appendix N testing

Simple Procedure



Sensitivity in Milk

| Charm SL Sensitivity Levels In Milk (ppb) | | |
|---|----------|------------|
| Beta-lactams | Charm SL | Safe Level |
| Amoxicillin | 5.6 | 10 |
| Ampicillin | 8.5 | 10 |
| Ceftiofur ^A | 77 | 100 |
| Cephapirin | 13.7 | 20 |
| Penicillin G | 3.6 | 5 |

^AThe test sensitivity for ceftiofur was evaluated using milk containing ceftiofur and desfuoylceftiofur (DFC) related metabolites from treated animals. The ceftiofur tolerance is based on measuring the sum of ceftiofur and desfuoylceftiofur related metabolites in milk as desfuoylceftiofur.

Ordering Info

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

See Operator's Manual for additional kits and order codes



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