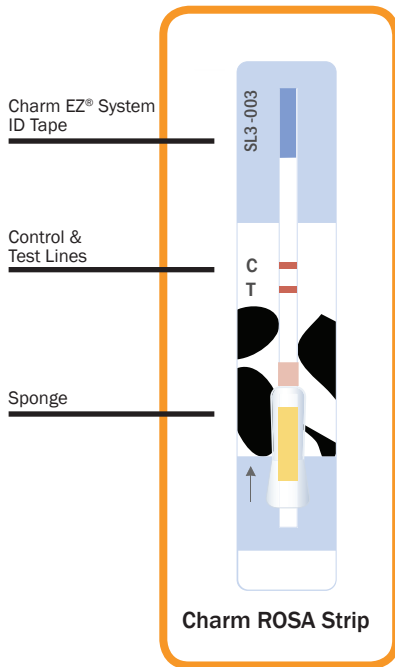


Charm 3 SL3 Beta-lactam Test for Milk

3
minutes

Product Overview

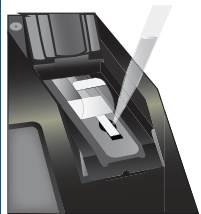


Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm 3 SL3 Beta-lactam test (Charm 3 SL3)** detects all six FDA targeted beta-lactam drugs, including cloxacillin. The test is approved by the National Conference on Interstate Milk Shipments (NCIMS) for screening milk trucks in the United States and matches established Safe Level/Tolerance in milk. The speed, precision, and sensitivity advantage of Charm 3 SL3 helps lower operating costs by receiving milk faster, reducing fuel costs, clearing good milk more quickly, and expediting production of a safe and wholesome product.

Benefits of Charm 3 SL3 Test Include:

- Achieves results in 3 minutes
- Detects 6 beta-lactam drugs including cloxacillin
- Incubates at 56 ± 1 °C
- Meets NCIMS approval for Appendix N Testing

Simple Procedure with the Charm EZ System



Add Sample.



Incubate.



Read results in less than 5 seconds!



For batch processing, incubate multiple strips simultaneously, then read results in the Charm EZ system.



Rapid One Step Assay

Sensitivity in Milk

Sensitivity Levels in Milk		
Beta-lactam Drug	Charm 3 SL3 Sensitivity (ppb ^A)	Safe Level/Tolerance (ppb ^A)
Amoxicillin	8.4 ppb	10 ppb
Ampicillin	8.0 ppb	10 ppb
Ceftiofur ^B	79 ppb	100 ppb
Cephapirin	20 ppb	20 ppb
Cloxacillin	8.6 ppb	10 ppb
Penicillin G	3.8 ppb	5 ppb

^A Parts Per Billion

^B Total Ceftiofur and Metabolite

Ordering Info

Order Codes	Each Kit Includes
LF-SL3-20K LF-SL3-100K LF-SL3-500K	Test strips and Penicillin G Positive Control

See Operator's Manual for additional kits and order codes



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