

CHARM® SL (Safe Level) Beta-lactam Farm Test



Charm SL Beta-lactam Farm Test

CHARM SL TEST AT A GLANCE

- ▶ Closest match to US Safe Levels
- ▶ Easy ROSA® (Rapid One Step Assay) format
- ▶ Results in 8 minutes!
- ▶ One step, walk away test

SAVE MILK, SAVE MONEY, SAVE LOADS

You've worked hard to produce safe, high quality milk. With the closest match to established Safe Levels, the Charm SL Beta-lactam Test helps you save good milk from rejection.

Overly sensitive tests can lead to rejection when milk meets regulatory standards. **By closely matching Safe Levels, Charm SL can help boost your milk check.**

CHARM SL SENSITIVITY LEVELS IN MILK (ppb)

BETA-LACTAMS	CHARM SL	US SAFE LEVELS
Amoxicillin	5.6	10
Ampicillin	8.5	10
Ceftiofur	77	100
Cephapirin	13.7	20
Penicillin G	3.6	5

MATCH THE TEST USED BY MILK BUYERS

Charm SL is the test of choice at dairy plants. By using the same test used by your milk buyers you can feel assured that your test results will match as well.



BENEFIT FROM TESTING COW SAMPLES

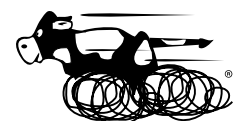
Charm SL test is simple, portable and requires only minimal equipment. Ease of use enables farmers to screen milk from individual heifers before it reaches the bulk tank:

- ▶ Minimize withholding times by verifying individual cows
- ▶ Increase your milk check by clearing cows days earlier
- ▶ Discard only milk that is positive
- ▶ Reduce risk of being held responsible for a "hot" load



OTHER ROSA FARM KITS AVAILABLE FOR:

- ▶ Aflatoxin M1
- ▶ Tetracyclines
- ▶ Sulfa Drugs, SDSM, SMZ
- ▶ Enrofloxacin
- ▶ Streptomycin



ROSA® Technology
RAPID ONE STEP ASSAY

CHARM® SL (Safe Level) Beta-lactam Farm Test

①



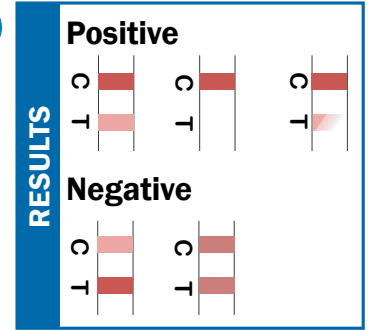
Add milk sample to SL strip.
Reseal strip and close incubator lid to start timer

②



After 8 minutes, incubator beeps and 'test complete' light will flash.
Remove SL strip.

③



Visually compare Test line (T) to the Control line (C).
Negative: (T) line is equal/or darker than (C) line.
Positive: (T) line is lighter than (C) line.

EQUIPMENT



ROSA® Dual Incubator
[LF-INC2-8-56]

- ▶ Self-timing with indicator lights/beeper
- ▶ Auto Start when lid closed
- ▶ Auto Reset when lid opened
- ▶ Fits 2 test strips



ROSA® Green Incubator
[LF-INC2-NTG-56]

- ▶ Timer needed
- ▶ Fits 2 test strips

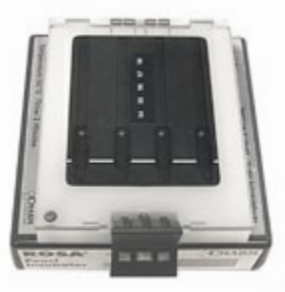


Charm® Countdown Timer
[TIMER-CHARM]



Optional: ROSA® Pearl-X Reader
[LF-ROSA-PEARL-X-NB]

- ▶ For numerical results



ROSA® Quad Incubator
[LF-INC4-8-56D]

- ▶ Self-timing with indicator



Order Codes for SL Farm Kits
20 Tests: [LF-SLBL-20SUPK†]
100 Tests:[LF-SLBL-100SUPK†]
†Kits include ROSA-Pipets

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