

## ROSA : Safe Level (SL) Beta-lactam Farm Test

### START SAVING LOADS WITH THE SAFE LEVEL TEST



The Charm SL™ detects closest to Safe Levels for beta-lactam drugs – **boosting your milk check**. The Charm SL is least likely to reject milk containing non-violative residues.

### CHARM SL TEST AT A GLANCE

- › Match Safe Levels
- › Results in 8 minutes!
- › **One step**, walk away test

SENSITIVITY LEVELS (ppb)		
BETA-LACTAMS	CHARM SL	SAFE LEVELS
Amoxicillin	5.6	10
Ampicillin	8.5	10
Cephapirin	13.7	20
Ceftiofur	77	100
Cloxacillin	50	10
Penicillin G	3.6	5

### DAIRY INDUSTRY SWITCHING TO SL

The SL test is easy to use, portable and only requires an incubator. The SL accurately matches established regulatory safe levels making it the test of choice at dairy plants. **Make it yours!**



Farm 20 Beta-lactam test kit [LF-SLBL-20SUP]

### SAVE MILK BY TESTING COW SAMPLES



- › Increase your milk check by clearing cows days earlier
- › **Discard only milk that is positive** by verifying that withholding times are accurate
- › Reduce risk that bulk tank is positive
- › Screen milk from heifers that were treated prepartum with an antibiotic
- › Screen milk from cows recently freshened after a shorter than anticipated dry period



## PROCEDURE

①



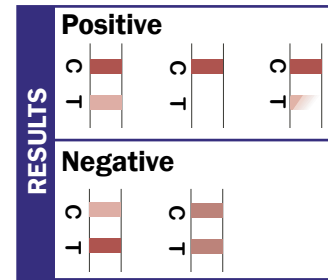
Add milk sample to SL strip. Reseal strip and close incubator lid to start timer.

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

## OPTIONAL

**ROSA Reader**  
(for Numerical results)



**ROSA Quad**  
(with timer display)



**Farm 100 test kit**  
[LF-SLBL-100SUP]



## 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]



## SL BETA-LACTAM KIT

- ▶ Available in 20 or 100 test kits

## OTHER ROSA FARM KITS FOR:

- ▶ Aflatoxin M1
- ▶ Beta-lactams (6 out of 6)\*\*
- ▶ Tetracyclines
- ▶ Sulfadimethoxine/Sulfamethazine

\*\* SL-6 test detects 6 beta-lactams, including cloxacillin, at/or below safe level