

# ROSA® : Sulfa & Tetracycline Tests for Raw Commingled Milk

## SULFAMETHAZINE & SULFADIMETHOXINE



## TETRACYCLINES



### SULFA & TETRACYCLINE TESTS AT A GLANCE

- ▶▶ Rapid, Reliable and Accurate
- ▶▶ Results in 8 minutes!
- ▶▶ One step, walk away test
- ▶▶ A member of the ROSA® family of tests utilizing the same equipment as the Charm SL Beta-lactam test
- ▶▶ Close match to regulatory levels (see below)

### PRODUCER BENEFITS

- ▶▶ 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

#### SENSITIVITY LEVELS (ppb)

Sulfa Drug	ROSA Sulfa	US Safe Level (ppb)
Sulfadimethoxine	6.7	10
Sulfamethazine*	6.2	10

#### SENSITIVITY LEVELS (ppb)

Tetracycline Drug	ROSA Tetracycline Detection Level 1:2 Dilution (ppb)	US Safe Level (ppb)
Chlortetracycline	150-300	300
Oxytetracycline	150-300	300
Tetracycline	30-90	300

\* Separate kit specific for Sulfamethazine only with sensitivity at 7.5 ppb in milk  
Kit code: LF-SMZ-100K

### LAB TEST KIT

Kit codes (SULFA) LF-SDSM-20, LF-SDSM-100  
Kit codes (TETRACYCLINE): LF-TET-20, LF-TET-100, LF-TET-500

### FARM TEST KIT

Kit codes: (SULFA): LF-SDSM-20SUP  
Kit codes: (TETRACYCLINE): LF-TET-20SUP  
Farm kits include Polypipettes



## ROSA®: Sulfa & Tetracycline Tests for Raw Commingled Milk

①



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

②



After 8 minutes, incubator beeps and 'test complete' light will flash. Remove ROSA Strip.

③ Tetracyclines

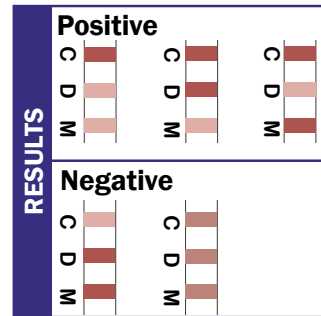


Visually compare Test line (T) to the Control line (C).

Negative: (T) line is equal/or darker than (C) line

Positive: (T) line is lighter than (C) line

③ Sulfamethazine / Sulfadimethoxine



Comparing test lines (D&M) to the control line (C) indicates positive or negative

## EQUIPMENT: Sulfa & Tetracycline Tests for Raw Commingled Milk



### 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 [TIMER-CHARM]
- ▶▶ Fits 2 test strips



### ROSA Quad Incubator [LF-INC4-8-56D] (with timer display)

- ▶▶ Self timing with indicator lights/beeper
- ▶▶ Auto Start when lid closed
- ▶▶ Auto Reset when lid opened
- ▶▶ Fits 4 test strips

[LF-INC4-8-56D]

### ROSA Reader [LF-ROSAREADER-3] (for Numerical results)



### OTHER ROSA KITS FOR:

- ▶▶ Aflatoxin M1
- ▶▶ Beta-lactams (5 out of 6)
- ▶▶ Beta-lactams (6 out of 6)\*
- ▶▶ Enrofloxacin

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

### Charm Sciences, Inc.

659 Andover Street, Lawrence, MA 01843-1032, USA  
Tel: +1.978.687.9200 | Fax: +1.978.687.9216 | Email: info@charm.com | www.charm.com

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