

ROSA® : SL3™ Beta-lactam Test in 3 minutes

**SAVE MILK....SAVE TIME
....SAVE ENERGY**



AOAC-RI Performance Tested Method 040701

Table 1: SENSITIVITY LEVELS (ppb)		
BETA-LACTAMS	SAFE LEVEL/ TOLERANCE	SL3 ppb
Amoxicillin	10	7.8
Ampicillin	10	8.7
Cephapirin	20	16
Ceftiofur*	100	51
Penicillin G	5	4.2

* Total Ceftiofur & Metabolites

OTHER AVAILABLE ROSA TESTS FOR:

- ▶ Aflatoxin M1
- ▶ Enrofloxacin
- ▶ Beta-lactams (SL and SL-6)
- ▶ Beta-lactams (MRL kit for E.U.)
- ▶ Beta-lactam/Tetracycline Combo (for E.U.)
- ▶ Tetracyclines
- ▶ Sulfadimethoxine/Sulfamethazine
- ▶ Sulfamethazine

SL3 AT A GLANCE

- ▶ 3 minute test
- ▶ Closest match to Safe Levels (Table 1)
- ▶ **ROSA** Test (**R**apid **O**ne **S**tep **A**ssay)
- ▶ **AOAC-RI** Approved
- ▶ Available in 20, 100 or 500 test kits
- ▶ Penicillin G controls included with kit

SAVE LOADS WITH SL3 SAFE LEVEL TEST



Charm **SL3** is the fastest antibiotic test ever, which ensures milk gets to market faster, and is received efficiently without delay. This frees up operators to perform other critical measurements without compromising on milk quality.

SL3 is also designed to limit rejection of non-violative milk by overly sensitive screening tests by detecting closer to safe levels and tolerance for beta-lactam drugs.

SL3's breakthrough speed and unmatched sensitivity precision ensures lower operating costs by receiving milk faster, clearing milk more quickly, expediting production of a safe, wholesome and quality product.

The test is easy to use, portable and requires minimal equipment. **SL3** is ideal for processor, hauler and the farmer as it works for cow samples, and raw commingled milk ensuring uniformity in testing no matter what stage milk is tested.

ROSA® : SL3 Beta-lactam Test



ROSA SL3 BETA-LACTAM TEST PROCEDURE

①



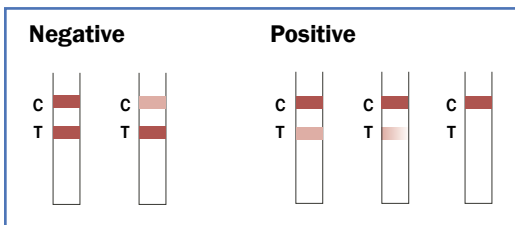
Add milk sample.
Close incubator lid to start timer.

②



After 3 minutes, incubator beeps and 'test complete' light will flash. Remove SL3 Strip.

③



④



Insert valid test in ROSA Pearl Reader

EQUIPMENT

Optional ROSA Reader

- ▶▶ Results in just 8 seconds
- ▶▶ Download to printer or computer
- ▶▶ Stores 4500 data points (tests)
- ▶▶ Records sample ID, test type, operator ID, date, time, lot number, reading and result interpretation



SL3 BETA-LACTAM TEST KIT (Milk)

- ▶▶ Kit Codes: LF-SL3-20 [20 test kit]
LF-SL3-100 [100 test kit]
LF-SL3-500 [500 test kit]
- ▶▶ 5 ppb Penicillin-G Control Standard(s) included with every kit



Charm SL3 Beta-lactam Test

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