

## CHARM® SL (Save Lorries) Kiwi Test for Milk



**Charm SL Kiwi Test**

### SAVE LORRIES WITH SL KIWI TEST



The Charm SL Kiwi test is approved by the New Zealand Food Safety Authority. It is specifically manufactured to detect cefalonium (cephalonium)

closer to the EU MRL (20 ppb) in milk. Rapid commercially available test kits detect this dry cow administered drug at overly sensitive levels, typically below 5 ppb. The Charm SL Kiwi test detects cefalonium residues at 15 ppb in milk, which provides a better match to established microbial inhibition assays, and a fairer test to the dairy producer. Typical brand names for this drug include Cpravin\*, Cepha Forte\* and Cefamaster.\*



\*Cpravin is a registered trademark of Intervet / Schering-Plough Animal Health. Cepha Forte is a registered trademark of Bomac. Cefamaster is a registered trademark of Merial Ancare.

### SL KIWI TEST AT A GLANCE

- ▶▶ Approved by the NZFSA, December 2010
- ▶▶ Rapid One Step Assay (part of ROSA® family of tests)
- ▶▶ Minimal equipment
- ▶▶ Results in 8 minutes!
- ▶▶ One year refrigerated shelf-life

### CHARM SL KIWI SENSITIVITY LEVELS IN MILK (ppb)

BETA-LACTAMS	CHARM SL KIWI
Amoxicillin	5.6
Ampicillin	8.5
Ceftiofur and Metabolites	77
Cephapirin	13.7
Penicillin G	3.6
Cefacetrile	30
Cefadroxil	50
Cefalexin	50
Cefalonium	15
Cefazolin	40
Cefoperazone	15
Cefquinome	30
Cefuroxime	15
Cloxacillin	50
Dicloxacillin	50
Nafcillin	100
Oxacillin	50



**ROSA® Technology**  
RAPID ONE STEP ASSAY

# CHARM® SL (Save Lorries) Kiwi Test for Milk

①



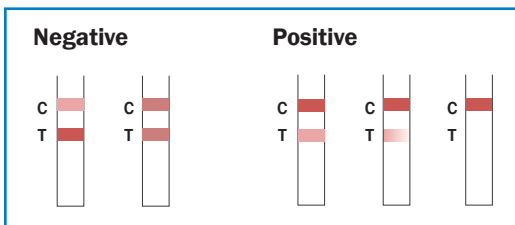
Add milk sample to Kiwi SL strip and close incubator lid to start timer.

②



After 8-9 minutes, incubator beeps and 'test complete' light will flash. Remove Kiwi SL Strip.

③



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

④



Insert valid test in ROSA Reader

## EQUIPMENT

### ROSA® Reader

[LF-ROSA-PEARL-X-NB]

- ▶ Results in just five 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



### ROSA® Quad Incubator

[LF-INC4-8-56D]

- ▶ Self-timing with indicator lights/beeper
- ▶ Countdown timer display (on quad only)
- ▶ Auto Start when lid closed
- ▶ Auto Reset when lid opened
- ▶ Fits 4 test strips



### 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



- ▶ Charm Kiwi SL test is available in kits of 100 and 500 tests

Lab Kit Order Codes: [LF-SLKIWI-100K], [LF-SLKIWI-500K]

Kits include 5 ppb Penicillin G positive controls

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