

# ROSA® Enroflox: Rapid Test for Enrofloxacin in Milk or Tissue



**Enroflox Test Kit**

## SENSITIVITY LEVELS IN MILK

Concentration ppb (parts per billion)	Percent Positive
0	0%
2	0%
4	17%
6	70%
8 <sup>1</sup>	100%
10 <sup>2</sup>	100%

1 - EU MRL is 100 ppb total sum of enrofloxacin and ciprofloxacin as marker residues of which approximately 8% is enrofloxacin and 80% is ciprofloxacin in bovine milk.

2 - U.S. regulatory limit in bovine milk.

## SENSITIVITY LEVELS IN TISSUE<sup>3</sup>

Concentration ppb (parts per billion)	Percent Positive
0	0%
5	0%
10	70%
20	100%
30	100%

3 - Sensitivity and Selectivity - Concentration - Response for Enrofloxacin in Chicken

## AT A GLANCE

- ▶ Sensitive, reliable and accurate
- ▶ One step sample prep (for milk) followed by one step assay
- ▶ Test results in eight minutes
- ▶ A member of the ROSA® family of tests utilizing the same equipment as other ROSA tests

## ACCURATE AND EASY TO USE

The Charm Enroflox Test is a rapid, “user-friendly” test for enrofloxacin detection with high sensitivity in raw or pasteurized milk, or tissue.

Enrofloxacin is a fluoroquinolone and is a member of the quinolone class of antibiotics. Food Safety/Regulatory agencies require monitoring of levels of this antibiotic on the ground that the drug promotes the rise of antibiotic-resistant bacteria that can harm human health

## TEST COMMODITIES

- ▶ Raw or pasteurized milk
- ▶ Poultry/Fish/Catfish Tissue
- ▶ Urine
- ▶ Egg

## OTHER AVAILABLE ROSA TESTS FOR:

- ▶ Beta-lactams (SL and SL-6)
- ▶ Sulfadimethoxine/Sulfamethazine
- ▶ Tetracyclines
- ▶ Aflatoxins



①



Add milk or extract 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.

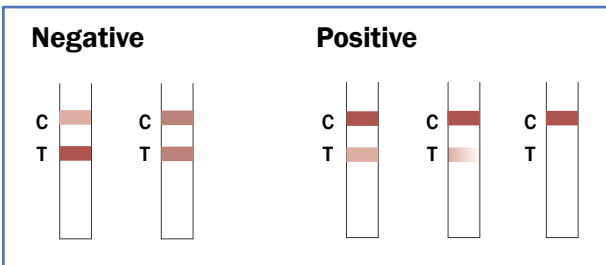
③

For unofficial testing: visually compare Test line (T) to the Control line (C)

④

For Official testing: Insert valid test into digital ROSA Reader

## RESULTS



## EQUIPMENT

### Optional ROSA Reader

- ▶ 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

### ENROFLOXACIN KIT

- ▶ Kit Codes for Milk: LF-QUIN-20 [20 tests]; LF-QUIN-100 [100 tests]
- ▶ Kit Code for Egg: LF-QUIN-E-100 [100 tests]
- ▶ Kit Code for Tissue: LF-QUIN-T-100K [100 tests]
- ▶ Kit Code for Urine: LF-QUIN-U-100 [100 tests]
- ▶ 10 ppb Enrofloxacin Standard is included with every 100 test kit for performance monitoring