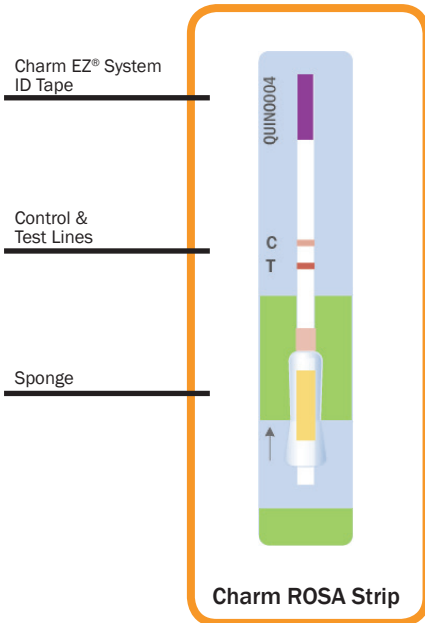


# Charm Quinolone Test for Milk

3  
minutes

## Product Overview

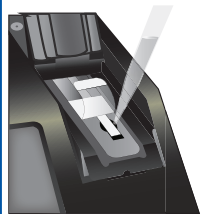


Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm Quinolone Test (QUIN)** detects quinolone drugs in raw commingled cow milk at or below EU Maximum Residue Limit (MRL).

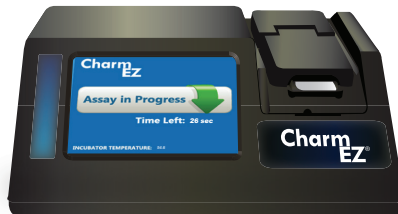
### Benefits of QUIN Test:

- Achieves results in 3 minutes
- Detects quinolone drugs
- Incubates at  $56 \pm 1$  °C
- Meets EU MRL

## Simple Procedure



Add Sample.



Incubate.



Read results in less than 5 seconds!



For batch processing, incubate multiple strips simultaneously, then read results in the Charm EZ system.



# Sensitivity in Milk

Detection Ranges in Cow Milk at 0 to 7 °C		
Quinolone Drug	Detection Range (ppb <sup>A</sup> )	EU MRL (ppb <sup>A</sup> )
Ciprofloxacin	5	100 <sup>B</sup>
Danofloxacin	10	30
Difloxacin	50	Not Allowed <sup>C</sup>
Enrofloxacin	10	100 <sup>B</sup>
Flumequin	50	50
Lomefloxacin	10	
Marbofloxacin	20	75
Naladixic Acid	100	
Norofloxacin	10	
Ofloxacin	10	
Sarafloxacin	20	

<sup>A</sup> Parts per billion or µg/kg

<sup>B</sup> EU MRL is 100 ppb (µg/kg) total sum of enrofloxacin and ciprofloxacin as marker residues of which approximately 8% is enrofloxacin and 80% is ciprofloxacin in milk from enrofloxacin treated cows.

<sup>C</sup> Not for use in animals from which milk is produced for human consumption

## Ordering Info

Order Codes	Each Kit Includes
LF-QUIN-20K LF-QUIN-100K	Test Strips and Positive Controls

See Operator's Manual for additional kits and order codes



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