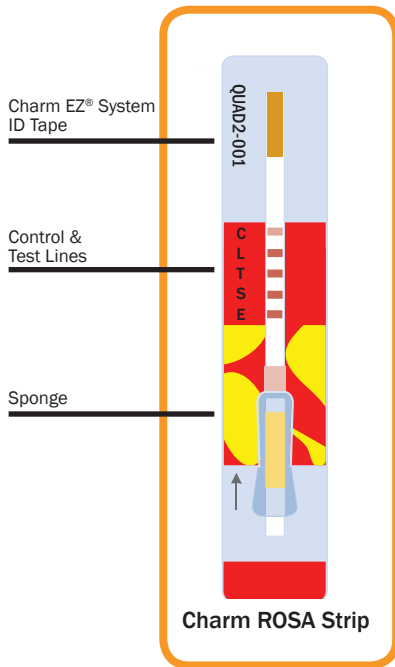


Charm QUAD2 Test for Milk

5
minutes

Product Overview

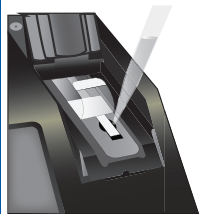


Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm QUAD2 Test (QUAD2)** detects macrolides drugs in raw commingled cow, goat, and sheep milk. The QUAD2 test may be used to test at or below EU/CODEX and China Maximum Residue Limits (MRL).

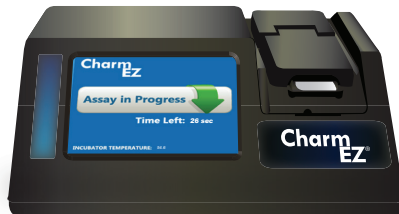
Benefits of QUAD2 Test Include:

- Achieves results in 5 minutes
- Detects macrolides
- Incubates at 56 ± 1 °C for cow and sheep milk
- Incubates at 45 ± 1 °C for goat milk
- Meets EU/CODEX MRL and China MRL

Simple Procedure with the Charm EZ System



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.



Rapid One Step Assay

Sensitivity in Milk

Macrolide free raw milk yields negative results at least 99% of the time.

Table Sensitivity* - Detection Ranges in Cow Milk at 0 to 7 °C

Macrolide Drug	Detection Range ^A (ppb ^B)	EU/CODEX MRL (ppb ^B)	China MRL (ppb ^B)
Erythromycin	10 to 30	40	40
Lincomycin	100 to 150	150	150
Pirlimycin	50 to 100	100	100
Spiramycin	150 to 200	200	
Tilmicosin	25 to 40	50	50
Tylosin	10 to 30	50/100	50

^A Positive at least 95% of the time.

^B Parts per billion, µg/kg or µg/L

* Nothing stated herein, including detection level information, shall be understood to imply any warranty or guaranty.

Ordering Info

Order Codes	Each Kit Includes
LF-QUAD2-20K LF-QUAD2-100K	Test Strips and Positive Controls

See Operator's Manual for additional kits and order codes



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