

Charm QUAD3 Test for Milk

5
minutes

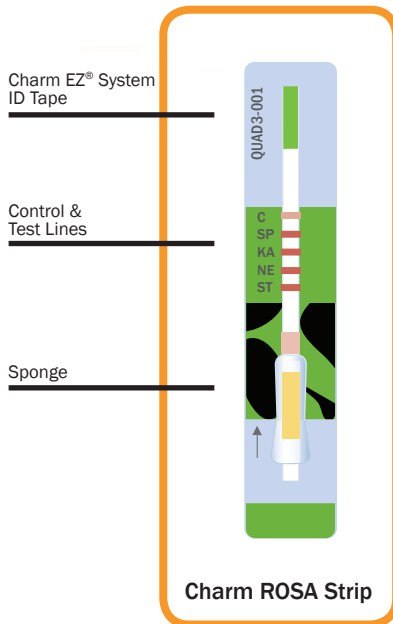
Product Overview



Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry world-wide for fast and accurate milk residue screening. The **Charm QUAD3 Test (QUAD3)** detects aminoglycoside drugs in raw commingled milk. The QUAD3 test may be used to test at or below EU/CODEX and China Maximum Residue Limits (MRL).

Benefits of QUAD3 Test Include:

- Achieves results in 5 minutes
- Detects aminoglycosides drugs
- Incubate at 56 ± 1 °C
- Meets EU/CODEX MRL and China 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

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

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

Aminoglycoside Drug	Detection Range ^A (ppb ^B)	EU/CODEX MRL (ppb ^B)	China MRL (ppb ^B)
Dihydrostreptomycin	75 to 100	200	200
Kanamycin	75 to 100	150	150
Neomycin	175 to 250	1500	500
Spectinomycin	150 to 200	200	200
Streptomycin	100 to 175	200	200

^A Positive at least 95% of the time

^B Parts per billion, µg/kg or µg/L

Ordering Info

Order Codes	Each Kit Includes
LF-QUAD3-20K LF-QUAD3-100K	Test Strips

See Operator's Manual for additional kits and order codes



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