



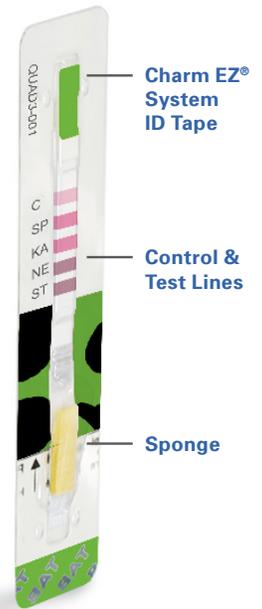
Charm QUAD3 Test for Milk

Product Overview

The Charm® QUAD®3 Test (QUAD3) delivers rapid and accurate results using ROSA® (Rapid One Step Assay) lateral flow technology. The QUAD3 test 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
- Incubates at 56 ± 1 °C
- Meets EU/CODEX MRL and China MRL



Charm ROSA Strip

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.

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**

Macrolide Drug	Detection Range [†] (ppb*)	EU/CODEX MRL (ppb*)	China MRL (ppb*)
Dihydrostreptomycin	75 to 100 ppb	200 ppb	200 ppb
Kanamycin	75 to 100 ppb	150 ppb	150 ppb
Neomycin	175 to 250 ppb	1500 ppb	500 ppb
Spectinomycin	150 to 200 ppb	200 ppb	200 ppb
Streptomycin	100 to 175 ppb	200 ppb	200 ppb

† Positive at least 95% of the time
* parts per billion, µg/kg or µg/L

Ordering Information

Order Codes	Each Kit Includes
LF-QUAD3-40NSK	Test Strips
LF-QUAD3-100K	Test Strips and Positive Controls

See Operator's Manual for additional kits and order codes.