5 Minute Test

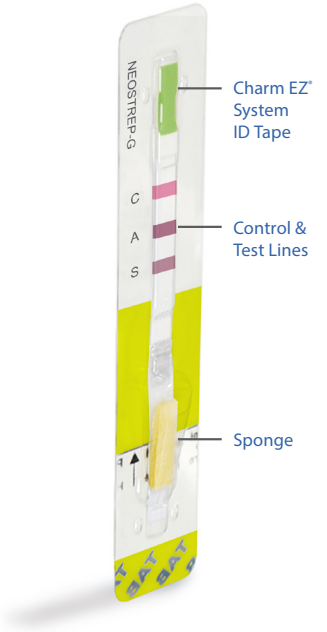
CHARM ROSA®

Charm Neomycin, Streptomycin and Gentamicin Test for Milk

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 Neomycin, Streptomycin and Gentamicin Test (NEOSTREP-G) is an immunoreceptor assay utilizing ROSA (Rapid One Step Assay) lateral flow technology. Aminoglycosides interact with colored beads in the lateral flow test strip, and the color intensity in the test and control zones is measured by the ROSA Reader or Charm EZ®. The Charm Neomycin, Streptomycin and Gentamicin Test detects at or below the EU and CODEX MRL (maximum residue limit). The test incubation time is 5 minutes for cow milk, 8 minutes for goat milk, and 8 minutes for sheep milk. The test is designed for use by dairy, intake, laboratory, field, and regulatory personnel.



Charm NEOSTREP-G Strip

Benefits of NEOSTREP-G Test Include:

- Achieves results in 5 minutes for cow milk, 8 minutes for goat milk, and 8 minutes for sheep milk.
- Detects dihydrostreptomycin, gentamicin, kanamycin, neomycin, streptomycin
- Incubates at 56 ± 2 °C
- Meets EU and CODEX MRL regulations

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.

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Sensitivity in Milk

Detection Ranges in Cow Milk at 0 to 7°C		
Aminoglycosides Drug	**Detection Range † (ppb*)**	**EU / CODEX MRL (µg/kg or µg/L)**
Dihydrostreptomycin	125 to 175 ppb	200 ppb
Gentamicin	80 to 120 ppb	100/200 ppb
Kanamycin	125 to 175 ppb	150 ppb
Neomycin	125 to 175 ppb	1500 ppb
Streptomycin	125 to 175 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-NEOSTREP-G-40NSK	Test Strips and Positive Controls
LF-NEOSTREP-G-100K	Test Strips and Positive Controls

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

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NOTHING WORKS LIKE A CHARM