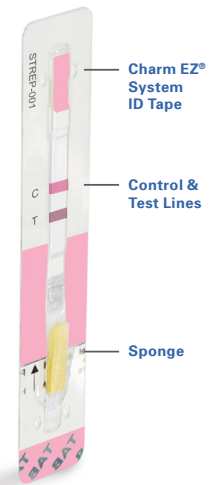**CHARM**
— ROSA® —

Charm Streptomycin 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 Streptomycin Test (STREP) is used for the detection of streptomycin and dihydrostreptomycin residues in raw milk. Streptomycin residues in milk may lead to antibiotic resistance and can inhibit the growth of yogurt and cheese cultures.

The STREP test meets dairy, intake, laboratory, field and regulatory requirements globally.

Charm EZ®
System
ID Tape

Control &
Test Lines

Sponge

Charm ROSA Strip

Benefits of STREP Test Include:

- Achieves results in 8 minutes
- Detects streptomycin and dihydrostreptomycin drugs
- Incubates at 56 ± 1 °C

- Meets US Tolerance Level
- Meets Canada MRL
- Meets EU/CODEX/Australia/New Zealand MRL
- Meets GOST/Russian Technical Regulations
- Approved by Polish Veterinary Research Institute (PIWET)

Simple Procedure with the Charm EZ System

1 Add Sample

2 Incubate

3 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					
Drug	Detection Level† (ppb*)	US Tolerance (ppb*)	Canada MRL (ppb*)	EU/CODEX/ Australia/New Zealand MRL (ppb*)	Russian Milk Federation Import Regulation§
Dihydrostreptomycin	25 ppb	215 ppb	125 ppb	200 ppb	None
Streptomycin	25 ppb	None	125 ppb	200 ppb	500 ppb

§ Customs Union Technical Regulation on Milk and Dairy Products, TR TS 033/2013
† Positive at least 95% of the time
* parts per billion, µg/kg or µg/L

Ordering Information

Order Codes	Each Kit Includes
LF-STREP-40NSK	Test Strips and Positive Controls
LF-STREP-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