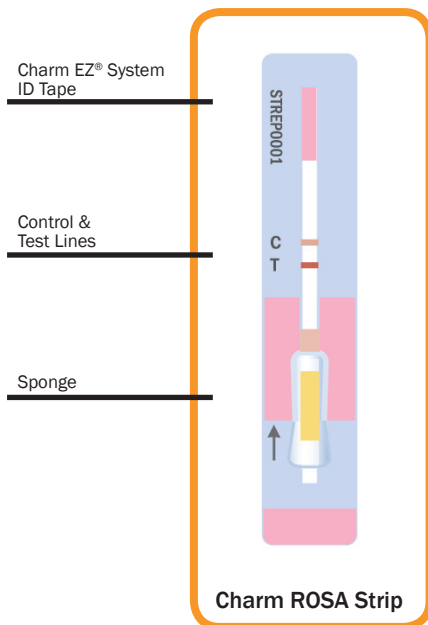


# Charm Streptomycin Test for Milk

8  
minutes

## Product Overview



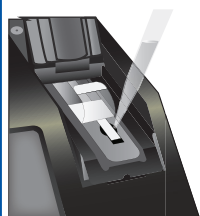
Charm® ROSA® (Rapid One Step Assay) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm Streptomycin Test (STREP)** is used for the detection of streptomycin and dihydrostreptomycin residues in raw milk. The presence of streptomycin in milk can cause inhibition in the growth of yoghurt and cheese cultures, an allergenic response or adverse response in some people and may lead to the development of streptomycin resistance bacteria.

The STREP test meets dairy, intake, laboratory, field and regulatory requirements globally (US, EU, CODEX, Canadian, Australian, New Zealand, and Russian).

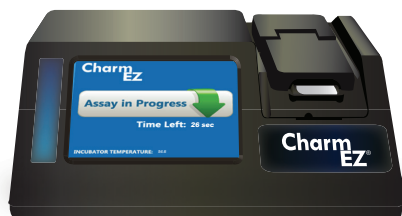
### Benefits of STREP Test:

- Achieves results in 8 minutes
- Detects streptomycin and dihydrostreptomycin drugs
- Test kit includes streptomycin positive control
- Incubates at  $56 \pm 1$  °C; same incubator as Charm Beta-lactam tests
- Meets EU/MRL/CODEX/Canadian/Australian/New Zealand/Russian regulations

## 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.



Rapid One Step Assay

## Sensitivity in Milk

Detection Ranges in Cow Milk at 0 to 7 °C					
Drug	Detection Level <sup>B</sup> (ppb <sup>A</sup> )	US Tolerance (ppb <sup>A</sup> )	Canada MRL (ppb <sup>A</sup> )	EU/CODEX/Australia/ New Zealand MRL (ppb <sup>A</sup> )	Russian Milk Federation Import Regulation <sup>C</sup> (ppb <sup>A</sup> )
Dihydrostreptomycin	25	125	125	200	None
Streptomycin	25	None	125	200	500

<sup>A</sup> Parts per billion, µg/kg or µg/L

<sup>B</sup> Positive 90% of the time with 95 % confidence.

<sup>C</sup> Customs Union Technical Regulation on Milk and Dairy Products, TR TS 033/2013

## Ordering Info

Order Codes	Each Kit Includes
LF-STREP-20K LF-STREP-100K LF-STREP-500K	Test Strips and Positive Controls

See Operator's Manual for additional kits and order codes