



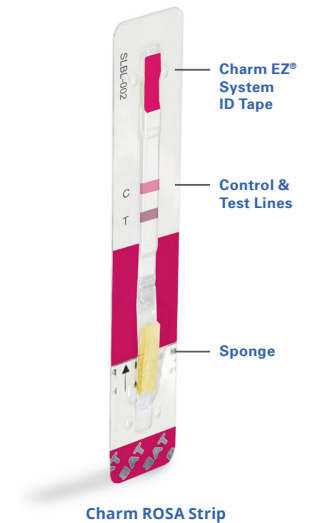
Charm ROSA SULF Test for Milk

Product Overview

The Charm® ROSA® SULF Test (SULF) delivers rapid and accurate results using ROSA® (Rapid One Step Assay) lateral flow technology. The SULF test detects the entire sulfonamide family in raw commingled cow milk. The SULF test may be used to test at or below US Tolerance Level.

Benefits of SULF Test Include:

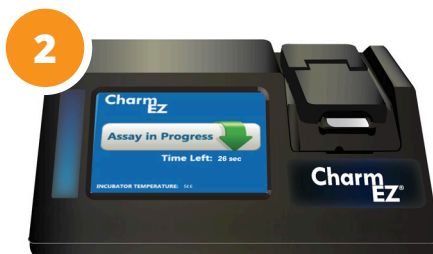
- Achieves results in 8 minutes
- Detects entire sulfonamide family
- Incubates at 56 ± 1 °C
- Meets US Tolerance Level



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

Concentration-Response Information - Displayed as % Positive		
Concentration (ppb*)	Sulfadimethoxine	Sulfamethazine
2 ppb	3%	0%
4 ppb	67%	50%
6 ppb	83%	83%
8 ppb	93%	100%
10 ppb	97%	100%
Target Level/Tolerance (ppb)	10 ppb	10 ppb
Calculated 90/95 Detection Level (ppb)†	7.7 ppb	7.8 ppb

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

Intrafamily Cross Reactivity Levels Detected in Milk with High Confidence	
Sulfacetamide	100 ppb
Sulfachlorpyridazine	2 ppb
Sulfadiazine	4 ppb
Sulfadoxine	18 ppb
Sulfaethoxypyridazine	15 ppb
Sulfamerazine	4 ppb
Sulfamethoxazole	3 ppb
Sulfamethoxypyridazine	8 ppb
Sulfapyridine	10 ppb
Sulfaquinoxaline	4 ppb
Sulfathiazole	2 ppb
Sulfisoxazole	20 ppb

Ordering Information

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

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

www.charm.com

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