



Charm SL Aflatoxin M1 Quantitative 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.

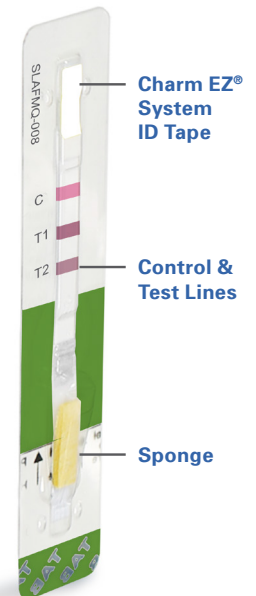
The Charm SL® Aflatoxin M1 Quantitative Test (SLAFMQ) delivers rapid and accurate results using ROSA. The SLAFMQ test enables dairies and food manufacturers to detect Aflatoxin M1 at the US FDA Action Level of 500 ppt (0.5 ppb).

Benefits of SLAFMQ Test Include:

- Range: 0 to 750 ppt
- Results in 8 minutes
- Meets US FDA Action Level and CODEX MRL

Run on the Charm EZ System:

- High volume output with batching using multiple quad incubators
- Standard curve built into reader reducing testing cost by eliminating end-user calibration
- Printable or downloadable results to any computer or LIMS system

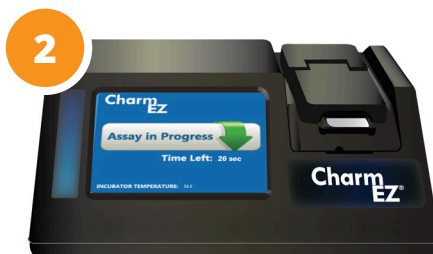


Charm ROSA Strip

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

Sensitivity - Detection for Aflatoxin M1 in Milk 0 to 7 °C			
Concentration (ppt*)	% Positive for Initial Result	Average Reading ± SD	% Positive After Retest
0 ppt	0%	6 ± 13	0%
300 ppt	5%	291 ± 41	0%
350 ppt	52%	388 ± 78	21%
400 ppt	50%	394 ± 50	14%
450 ppt	100%	505 ± 63	93%
500 ppt	95%	494 ± 62	93%
550 ppt	100%	596 ± 45	98%

* parts per trillion

Ordering Information

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

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