

Charm Australian Beta-lactam 3 Minute Test for Milk

3
minutes

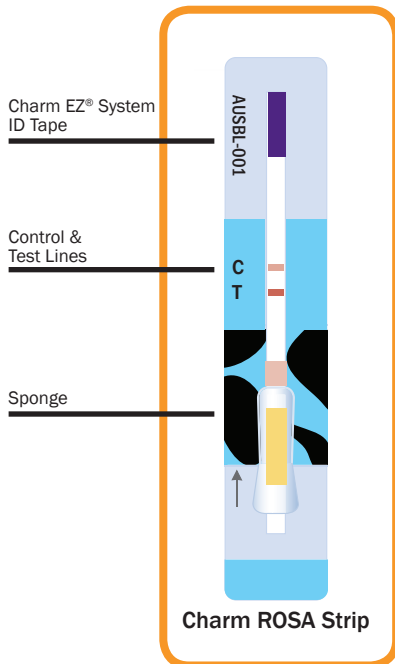
Product Overview



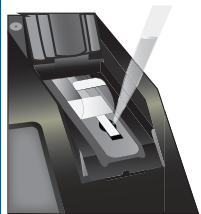
Charm® Rapid One Step Assay (ROSA®) technology is trusted by the dairy industry worldwide for fast and accurate milk residue screening. The **Charm Australian Beta-lactam 3 Minute Test (AUSBL)** was developed with the Australian dairy board to detect beta-lactam drugs in raw commingled cow milk to meet Australian Maximum Residue Limits (MRLs).

Benefits of AUSBL Test Include:

- Achieves results in 3 minutes
- Detects beta-lactam drugs
- Incubates at 56 ± 1 °C
- Developed with the Australian Dairy Board
- Meets Australian Maximum Residue Limits (MRLs)



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 Ranges in Cow Milk at 0 to 7 °C		
Beta-lactam Drug	Detection Range (ppb ^A)	Australian MRL (ppb ^A)
Amoxicillin	4 to 6	10
Ampicillin	6 to 10	10
Cefacetrile	20 to 40	
Cefalonium	6 to 10	20
Cefazolin	10 to 20	
Cefoperazone	1 to 2	
Cefquinome	20 to 40	
Cefuroxime	50 to 100	100
Ceftiofur and Metabolites ^B	60 to 100	100
Cephapirin	6 to 10	10
Cloxacillin	6 to 10	10
Dicloxacillin	3 to 6	
Oxacillin	15 to 30	
Penicillin G	1 to 2	1.5

^A Positive at least 95% of the time

^B Ceftiofur parent drug sensitivity is at levels approximately 1/2 those reported in the table.

Ordering Info

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

See Operator's Manual for additional kits and order codes



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MRK-1104-001 Oct-2019