

Charm
EZ[®]



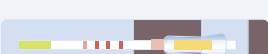
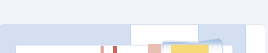
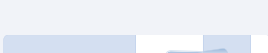
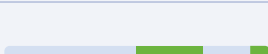
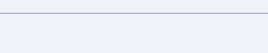
Charm[®] ROSA[®] Lateral Flow Antibiotic Tests

Rapid Antibiotic Testing in Milk

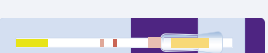
 **CHARM**
SCIENCES INC
NOTHING WORKS LIKE A CHARM

ROSA Antibiotics Family Brochure

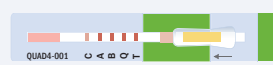
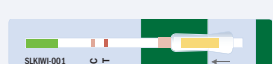
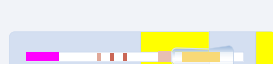
US Tolerance Level

Incubation Time	Incubation Temperature	Tape Color	Antibiotics	Approval
Charm ROSA Beta-lactam 30 Second Test (BL30SEC)			Beta-lactam	NCIMS (US)
30 seconds	56 °C			
Charm 3 SL® Beta-lactam Test (Charm 3 SL3)			Beta-lactam	NCIMS (US)
3 minutes	56 °C			
Charm SL Beta-lactam Test (SLBL)			Beta-lactam	NCIMS (US)
8 minutes	56 °C			
Charm TRIO® Test (TRIO)			Beta-lactam Sulfonamide Tetracycline	NCIMS (US)
3 minutes	56 °C			
Charm ROSA SULF Test (SULF)			Sulfonamide	NCIMS (US)
8 minutes	56 °C			
Charm Tetracycline-SL (Dilution Confirmation) Test (TET-SL)			Tetracycline	NCIMS (US)
8 minutes	56 °C			
Charm SL Aflatoxin M1 Quantitative Test (SLAFMQ)			Aflatoxin M1	US Collaborative Study
8 minutes	45 °C			
Charm SL Aflatoxin M1 Test (SLAFM)			Aflatoxin M1	
3 minutes	56 °C			

US Tolerance/MRL Levels

Incubation Time	Incubation Temperature	Tape Color	Antibiotics	Approval
Charm Amphenicol Test (AMPH)			Amphenicol	ILVO (Belgium) PIWET (Poland) SCSM (Belarus)
8 minutes	40 °C			
Charm Chloramphenicol Test (CAP)			Chloramphenicol	SCSM (Belarus) PIWET (Poland)
8 minutes	40 °C			
Charm Sulfa Test (SULF-MRL)			Sulfonamide	EMBRAPA (Brazil) GOST (Russia)
8 minutes	56 °C			
Charm Quinolone Test (QUIN)			Quinolones	EMPBRAPA (Brazil)
3 minutes	56 °C			

Incubation Time	Incubation Temperature	Tape Color	Antibiotics	Approval
Charm BRA Beta-lactam and Tetracycline 2 Minute Test (BRABLTET2)			Beta-lactam Tetracycline	ILVO (Belgium) PIWET (Poland)
1 minutes	56 °C			
Charm MRL Beta-lactam 1-Minute Test (MRLBL1)			Beta-lactam	ILVO (Belgium) PIWET (Poland)
1 minutes	56 °C			
Charm MRL Beta-lactam 3-Minute Test (MRLBL3)			Beta-lactam	ILVO (Belgium)
3 minutes	56 °C			
Charm MRL Beta-lactam Test (MRLBL)			Beta-lactam	PIWET (Poland)
8 minutes	56 °C			
Charm MRL Beta-lactam and RF Tetracycline 2-Minute Test (MRLBLRFET2)			Beta-lactam Tetracycline	GOST (Russia) ILVO (Belgium) PIWET (Poland)
2 or 5 minutes	56 °C			
Charm MRL Beta-lactam and Tetracycline 2-Minute Test (MRLBLTET2)			Beta-lactam Tetracycline	ILVO (Belgium)
2 minutes	56 °C			
Charm MRL Beta-lactam and Tetracycline 2-Minute Test (Advanced Sensitivity) (MRLBLTET2A)			Beta-lactam Tetracycline	ILVO (Belgium)
2 minutes	56 °C			
Charm MRL Beta-lactam and Tetracycline Test (MRLBLTET)			Beta-lactam Tetracycline	ILVO (Belgium) EMBRAPA (Brazil) PIWET (Poland) SCSM (Belarus)
8 minutes	56 °C			
Charm Neomycin, Streptomycin and Gentamicin Test (NEOSTREP-G)			Aminoglycosides	ILVO (Belgium)
5 minutes	56 °C			
Charm PP Beta-lactam Test (PPBL)			Beta-lactam	
8 minutes	56 °C			
Charm PLA-Beta-lactam and Tetracycline Test (PLABLTET)			Beta-lactam Tetracycline	
8 minutes	56 °C			
Charm QUAD® Test (QUAD)			Beta-lactam Chloramphenicol Streptomycin Tetracycline	ILVO (Belgium) GOST (Russia) SCSM (Belarus) PIWET (Poland)
5 minutes	40 °C			
Charm QUAD1 Test (QUAD1)			Beta-lactam Quinolone Sulfonamide Tetracycline	
5 minutes	56 °C			

Incubation Time	Incubation Temperature	Tape Color	Antibiotics	Approval
Charm QUAD2 Test (QUAD2)			Macrolide	ILVO (Belgium)
5 minutes	56 °C			
Charm QUAD3 Test (QUAD3)			Aminoglycoside	
5 minutes	56 °C			
Charm QUAD4 Test (QUAD4)			Beta-lactam Aminoglycosides Quinolone Tetracycline	
5 minutes	56 °C			
Charm SL-KIWI Beta-lactam Test (SLKIWI)			Beta-lactam	
8 minutes	56 °C			
Charm MRL Aflatoxin M1 Quantitative Test (MRLAFMQ)			Aflatoxin M1	ILVO (Belgium) SCSM (Belarus)
15 minutes	40 °C			
Charm MRL Beta-lactam and Aflatoxin Test (MRLBLAFM)			Aflatoxin M1	ILVO (Belgium) SCSM (Belarus)
5 minutes	56 °C			

Simple Procedure with the Charm EZ® System



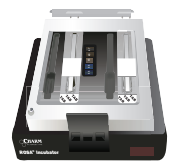
Add milk to test strip.



Close door to incubate/read.



Results in seconds/minutes.



Incubate multiple strips simultaneously, then read results on the Charm EZ system.