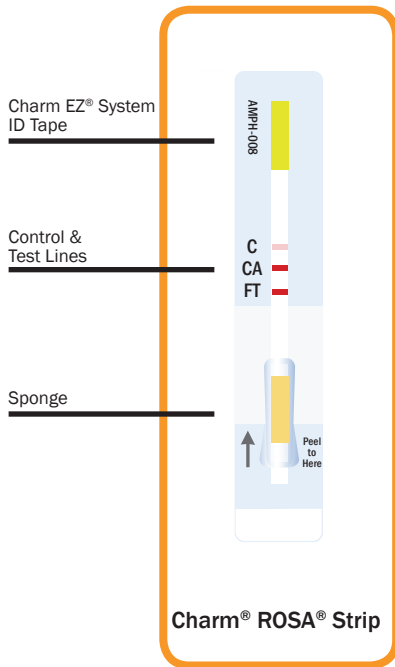


# Charm Amphenicol Test for Milk

8  
minutes

## Product Overview

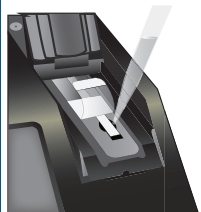


Charm ROSA (Rapid One Step Assay) technology is trusted by the dairy industry world-wide for fast and accurate milk residue screening. The **Charm Amphenicol Test (AMPH)** detects amphenicols in raw commingled milk at the EU Maximum Residue Limits (MRL) and the EU Minimum Required Performance Limit (MRPL).

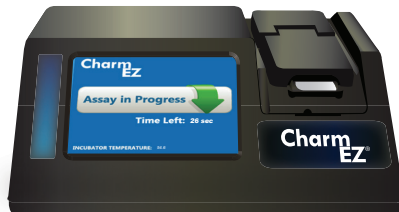
### Benefits of AMPH Test:

- Achieves results in 8 minutes
- Detects chloramphenicol, florfenicol, and thiamphenicol
- Incubates at  $40 \pm 2$  °C
- Meets EU MRL and EU MRPL Regulations
- Meets US Tolerance Level
- Independently validated by ILVO in Belgium

## 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

### Amphenicol - free raw milk yields negative results at least 99% of the time Sensitivity – Detection levels in Cow Milk at 0 to 7 °C

Amphenicol Drug	Detection Level <sup>A</sup> (ppb <sup>B</sup> )	EU MRL (ppb <sup>B</sup> )
Chloramphenicol	0.10 to 0.15	0.3 <sup>C</sup>
Florfenicol	4 to 6	None <sup>D</sup>
Thiamphenicol	4 to 6	50

<sup>A</sup> Positive at least 95% of the time

<sup>B</sup> Parts per billion or µg/L

<sup>C</sup> Minimum Required Performance Limit (MRPL)

<sup>D</sup> Not for use in animals from which milk is produced for human consumption

## Ordering Info

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

See Operator's Manual for additional kits and order codes



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