

VetoSlide

THE BENEFITS OF VETOSLIDE



VetoSlide is **simple to use** and **interpret**



VetoSlide enables **easy identification** of Gram-positive and Gram-negative bacteria



Vetoslide provides **accurate results** within **8-24 hours**¹



VetoSlide allows **informed and targeted** mastitis treatment decisions on a case-by-case basis



VetoSlide is conveniently stored at **room temperature**

SCAN HERE
For demo



Contact the Vetoquinol Farm Solutions team and ask them how VetoSlide can help you achieve more targeted antibiotic use in mastitis.



CONTENTS: 12 VetoSlide tests / 12 swabs.

STORAGE: Store in a cool, dry place at a temperature not exceeding 25°C. Keep out of reach of children.

DO NOT REFRIGERATE.

SHELF-LIFE: 6 months

Dip the test in the bleach before disposing in clinical waste.

1. Francisco B. Malcata et al. Laboratory-based evaluation of a simplified point-of-care test intended to support treatment decisions in non-severe bovine clinical mastitis. *Journal of Dairy science* Jan 2021
2. Roberson JR, Warnick LD, Moore G. Mild to moderate clinical mastitis: efficacy of intramammary amoxicillin, frequent milk-out, a combined intramammary amoxicillin, and frequent milk-out treatment versus no treatment. *J Dairy Sci* 2004;87:583-92.
3. Oliveira L, Ruegg PL. Treatments of clinical mastitis occurring in cows on 51 large dairy herds in Wisconsin. *J Dairy Sci* 2014;97:5426-36.

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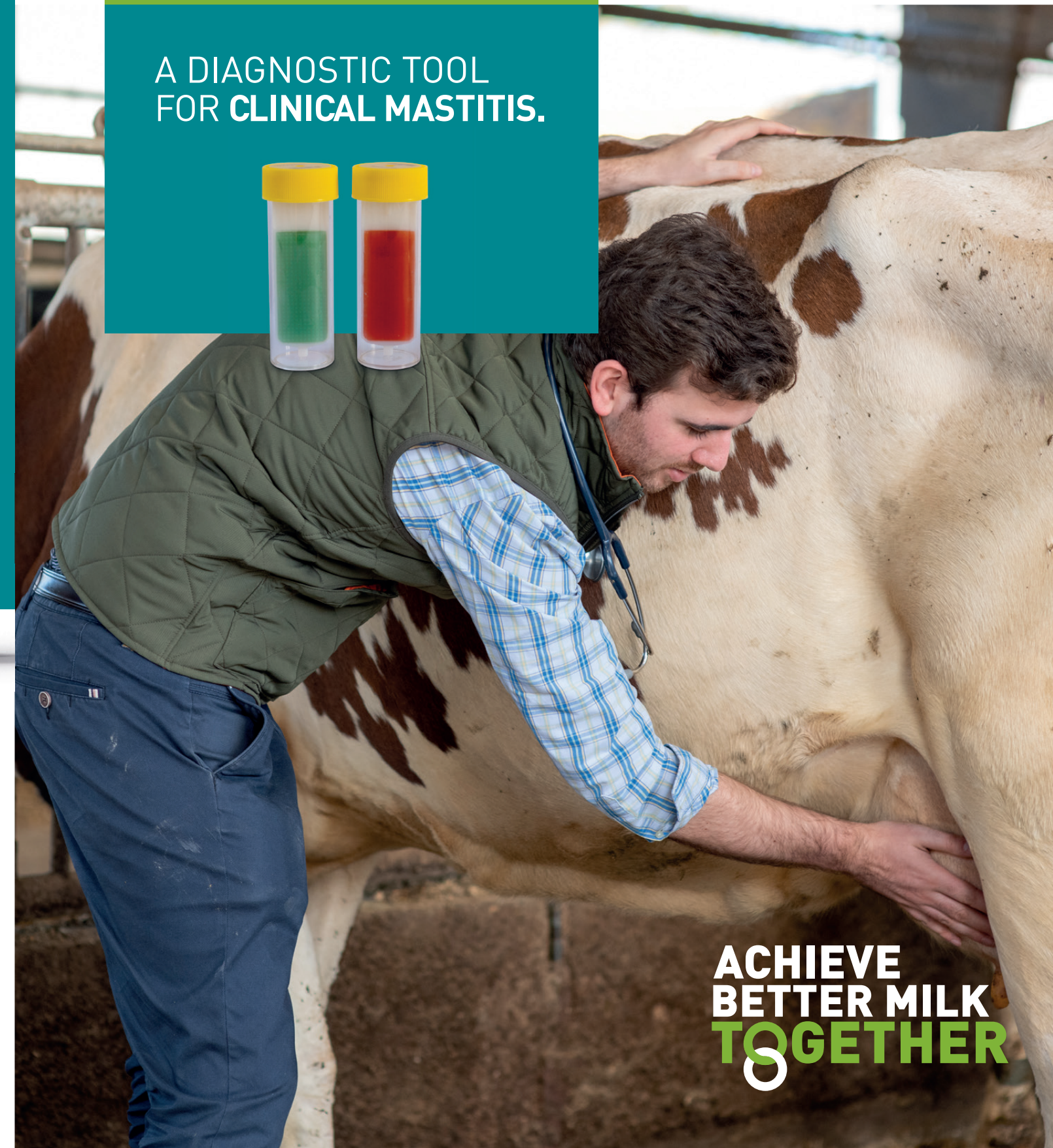
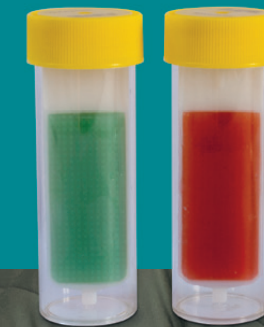


VetoSlide

Simple, Fast, Reliable



A DIAGNOSTIC TOOL FOR CLINICAL MASTITIS.



ACHIEVE BETTER MILK TOGETHER

WHAT IS VETOSLIDE?

VetoSlide is a dual slide culture for mild to moderate cases of mastitis.

It is a simple process; all it requires is a VetoSlide test kit and an incubator.

On diagnosing a case of mastitis, take a sterile milk sample from the affected quarter and inoculate each side of the plate by applying milk in a zig zag pattern using the cotton swab provided. The slides are then incubated for 24 hours.



WHY USE VETOSLIDE?

Mastitis caused by Gram-negative bacteria have a high self-cure rate² and up to 30% of clinical mastitis samples do not grow on culture³. Evidence suggests, in mild to moderate cases, these cases infrequently benefit from antimicrobials.²

In contrast, antibiotic treatment will significantly improve bacteriological cure rates when Gram-positive pathogens are responsible for the infection.²

USING VETOSLIDE AS A TREATMENT DECISION TOOL CAN HELP REDUCE ANTIMICROBIAL USE

Utilising **VetoSlide** on mild to moderate clinical mastitis cases establishes if the infection is likely to be Gram-positive or Gram-negative in origin. This helps to distinguish those Gram-negative or no-growth animals that only require anti-inflammatory treatment and are unlikely to need antibiotics, from those infected with Gram-positive pathogens who are more likely to require antibiotic intervention.

We always recommend immediate treatment for sick cows with severe clinical mastitis.

VETOSLIDE IS RELIABLE

VetoSlide has been shown to be accurate with an overall sensitivity and specificity of 82.0% and 76.8% respectively for Gram-positive pathogens and 83.3% and 94.3% respectively for Gram-negative pathogens.¹

Looking exclusively at *E. coli*, the specificity increases further to 97.5%. This means very few Gram-negative growths will receive unnecessary antibiotic treatment.

Sensitivity and specificity for VetoSlide¹

Epidemiological parameter	Gram positive	Gram negative
Sensitivity	82.0 [70.5; 89.6]	83.3 [72.0; 90.7]
Specificity	76.8 [65.6; 85.2]	94.3 [86.2; 97.8]

INTERPRETING VETOSLIDE

After 8-12 hours the slides can be checked to see if there are any colonies on the green media. Growth indicates the presence of Gram-negative bacteria. In addition, red colonies on the green media suggests *Escherichia coli* infection.

Continue to incubate for the full 24 hours to confirm any Gram-positive colonies on the red side. Growth on both sides would imply a mixed infection or a contaminated sample.

EXAMPLES OF DIFFERENT COLONY GROWTH



It is recommended that all pre-treatment samples are frozen in case additional pathogen profiling is required.