



MastiSensor[®]

Detection of Clinical and Subclinical Mastitis by Isothermal PCR

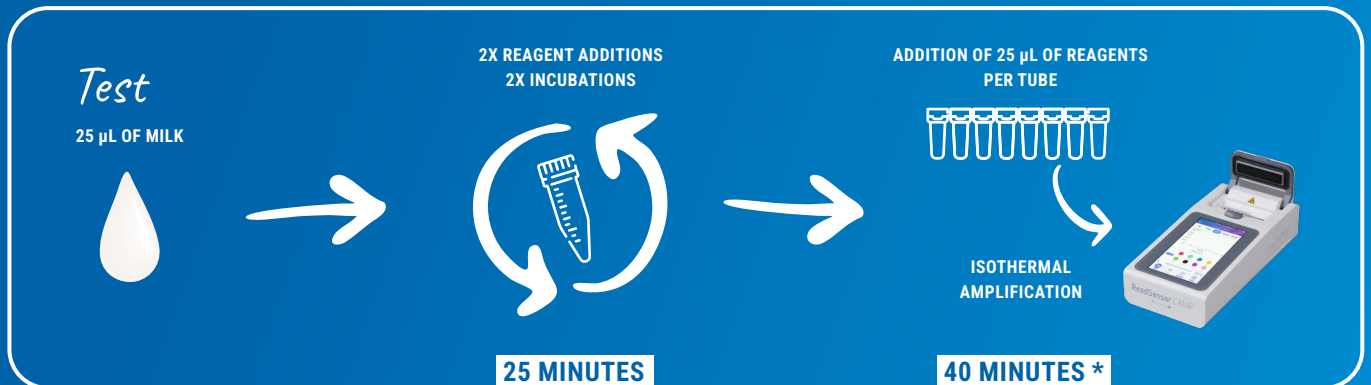


Pathogen / Resistance gene detected	KIT098 7 + 1 detected	KIT117 7 + 1 detected
Gram-positive bacteria	✓	—
<i>Escherichia coli</i>	✓	✓
<i>Staphylococcus aureus</i>	✓	✓
<i>Streptococcus uberis</i>	✓	✓
<i>Streptococcus dysgalactiae</i>	✓	✓
<i>Streptococcus agalactiae</i>	—	✓
<i>Enterococcus</i> spp.	✓	—
<i>Klebsiella</i> spp.	✓	✓
<i>Mycoplasma bovis</i>	—	✓
<i>blaZ</i> resistance gene (beta-lactams)	✓	✓

✓ detected — not included · Genus and species in italics

Comparison...

	PCR	MastiSensor® Isothermal PCR
Test time	> 3 hours	~ 1 hour
Amplification method	Thermal cycling	Isothermal
Sample	DNA extraction	NO DNA extraction



* Real-time analysis: early detection of positives before completion.

MastiSensor® is an innovative test* capable of identifying the major pathogens responsible for mastitis within 1 hour. This allows for prompt intervention with a rational antibiotic treatment, significantly reducing the volume of wasted milk.

- Sample to result in **1 hour**
- No DNA extraction required
- Milk sample volume of 25 µL



UNISENSOR
RUE LOUIS PLESCIA 8
4102 OUGREE - BELGIUM

MORE INFO? CONTACT US!
✉ INFO@UNISENSOR.BE
☎ +32 4 252 66 02