

RespiSensor

Bovine Respiratory Disease Detection

RespiSensor® uses isothermal DNA amplification to rapidly detect key pathogens causing Bovine Respiratory Disease (BRD).

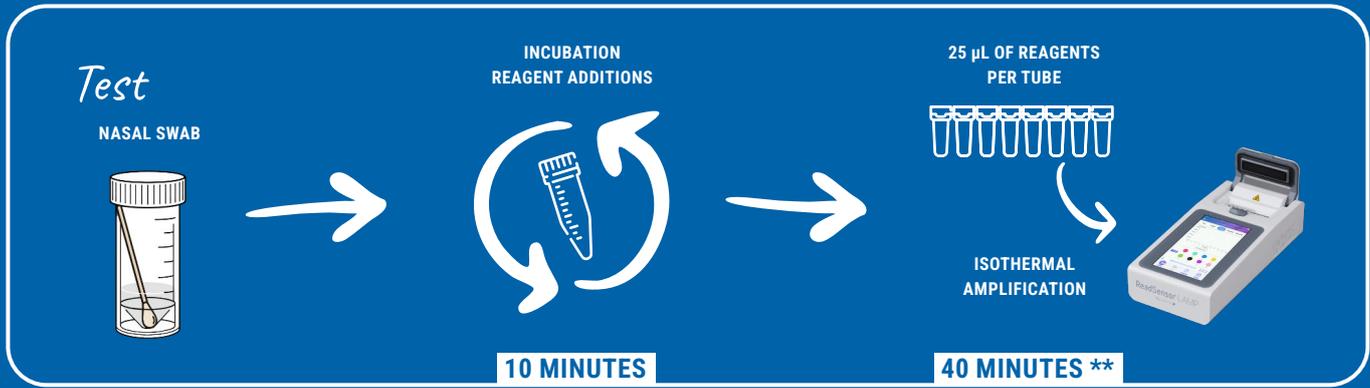
It delivers accurate, on-site results in under an hour, enabling veterinarians to make immediate, evidence-based decisions and apply targeted treatments.

-  ***Histophilus somni***
-  ***Mycoplasma bovis***
-  ***Pasteurella multocida***
-  ***Mannheimia haemolytica***
-  **Bovine coronavirus (BCoV)**
-  **Bovine parainfluenza virus 3 (BPIV3)**
-  **Bovine respiratory syncytial virus (BRSV)**

« Early BRD treatment improves prognosis, while delays can lead to failure. Greater diagnostic specificity supports more targeted therapy and better outcomes. »

– Kamel MS et al., *Animals*, 2024





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



SYMPTOMS

WITH RespiSensor®
RESULT IN < 1 H

+1h

WITH LAB TEST
RESULT IN 3-4 DAYS

+72-96h

EARLY TREATMENT

LATE TREATMENT
25% LOSS

Comparison...

Result time

Use

Clinical decision

Antibiotic impact

External Lab

3-4 days

Off-site testing

Delayed

Empirical treatment

RespiSensor®
Isothermal PCR

< 1 hour

On-site

Early

Rational use

Key benefits:

- Reliable results in under 1 hour
- Simple, on-site use
- Works with nasal swab
- Promotes rational antibiotic use and reduces resistance development



Product Code: KIT120



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