

DNA
DIAGNOSTIC

Pneumo 4

Detects nine pathogens (4 bacteria and 5 viruses)



Fast and
accurate
diagnostic
of pneumonia
infections in
calves

PNEUMO 4

- **Easy detection of:**
Mannheimia Haemolytica, Pasteurella Multocida, Histophilus Som, Mycoplasma Bovis and **Five Virus:** Bovine Corona Virus, Bovine Syncytical Virus, P13 Virus, IBR ig BVD Virus
- **Prevention method**
- **No bacterial culturing**
- **Reduce morbidity and mortality rates**

Pneumo 4

Prevention, vaccine,
and therapy for
calves

Introduction

Pneumo 4 identifies the most common bacteria and mycoplasma in the Bovine Respiratory Disease, Mannheimia haemolytica, Pasteurella multocida, Histophilus somni, and Mycoplasma bovis.

The test is quantitative without the need for any bacterial culturing. Pneumo 4 can be used to test tracheal lavage and deep nasal swabs. From dead calves, you can sample tracheal fluid after autopsy.

Prevention is the best way to control Bovine Respiratory Disease.

When you know the pathogen involved in the disease complex it is more easy to select the right prevention, vaccination, and therapy.

In case of shipment use the DNA Diagnostic Swab system to secure accurate results after more days of shipment.

What is qPCR testing?

The quantitative polymerase chain reaction (qPCR) is a biochemical technology used to amplify a specific DNA target in a test tube. During amplification, fluorescent light is generated and monitored by the qPCR instrument. Today, qPCR is a common diagnostic technique and it is used for a wide variety of applications.

Easy and fast workflow



DNA extraction

0,5 ml samples are pelleted and directly lysed for DNA extraction



qPCR

Run Pneumo 4 program

Catalogue numbers

PN4B, PN4V, PN4BV, PN4BC55, PN4BV96C55

For more info visit www.dna-diagnostic.com or contact Tel +45 87 32 30 50 · info@dna-diagnostic.com

DNA DIAGNOSTIC

DNA DIAGNOSTIC A/S · VOLDBJERGVEJ 14 · 8240 RISSKOV · DENMARK

About us DNA Diagnostic A/S is a Danish biotech company established in 1992. DNA Diagnostic develops and manufactures qPCR test kits for rapid identification of pathogenic microorganisms. DNA Diagnostic also makes CE-IVD kits for detecting leukemia related translocations. DNA Diagnostic is ISO 13485 certified.

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