

Monitor your entire flock with air sampling

Capture, retain and identify bacteria and viruses
directly from the air with AeroCollect® technology



State of the art surveillance technology

With AeroCollect, you can capture and retain bacteria and viruses directly from the air quickly and efficiently. The sample can then be analyzed directly with no need for sample preparation.

Collecting samples to monitor flocks can be challenging. Traditionally the process of diagnosing a disease in flocks has been a combination of interpreting clinical symptoms and spot tests of selected animals using either blood or swab samples. Unfortunately, relying on clinical symptoms means that production may already have been compromised.

AeroCollect allows you to monitor the health of your entire flock, optimize production, and initiate timely medical treatment when considered necessary, after consultation with your veterinarian.

How does it work? 3 easy steps

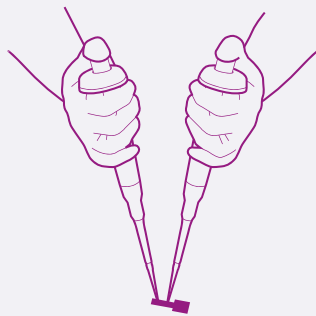


1

Sample collection

Walk around the farm for a minimum of 5 minutes with our handy device to collect the air sample.

Bacteria and viruses are captured from airborne dust, water and cells, and retained in the sample chamber by a powerful electric field.

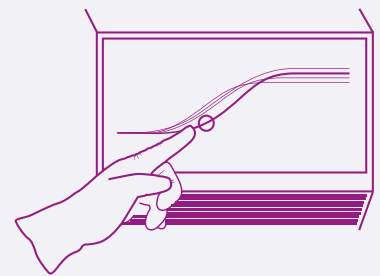


2

Laboratory analysis

The sample is sent to the laboratory for qPCR analysis, which will show the presence of selected bacteria and viruses.

No extraction needed.



3

Same-day results

The analysis only takes a couple of hours. Results are usually available the same day as sample collection.

Why choose AeroCollect?

- **Easy to use**
 - a plug-and-play solution with no need for training
- **Samples the entire flock**
 - not just single animals
- **Simultaneous testing for several pathogens**
 - saving time and money
- **Fast and accurate test results**
 - validated analysis for early identification

AeroCollect identifies the following pathogens

Poultry



Salmonella spp.

Campylobacter spp.

Infectious Bronchitis Virus (IBV)

Gumboro Disease (Infectious Bursal Disease; IBD)

Adenovirus

E. coli

Marek's Disease

Avian Reovirus

Staphylococcus spp.

Turkey Rhinotracheitis (TRT) Virus

Pasteurella spp.

Chicken Astrovirus (CkAstV)

Mycoplasma spp.

Avian Influenza Virus (AIV)

C. perfringens

Swine



Actinobacillus pleuropneumonia (APP)

Porcine Circovirus 2 (PCV2)

African Swine Fever Virus (ASFV)

Methicillin-resistant *Staphylococcus aureus* (MRSA)

Swine Influenza Virus (SIV)

Porcine Reproductive and Respiratory Syndrome (PRRSV)

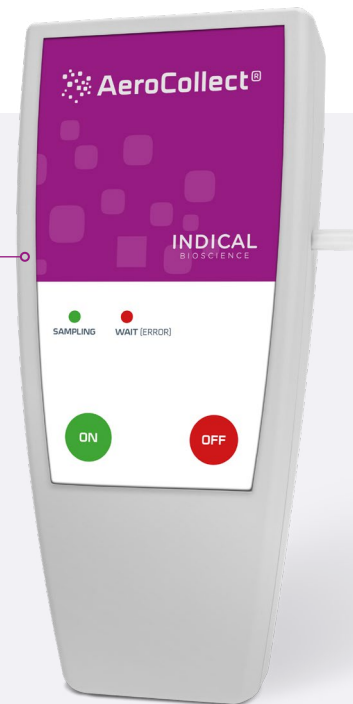
E. coli (F4 and F18)

Mycoplasma hyopneumoniae

Easy and early identification of poultry pathogens by air sampling

AeroCollect®

- Easy to use
- One air sample for the entire flock
- Simultaneous testing for several pathogens
- Fast and accurate results
- Increased animal welfare
- Cost effective



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