



Introducing Alveo Sense™ Poultry Avian Influenza Test

Redefining Notifiable Disease Management: On-site, accurate, Avian Influenza testing is here.

Secure, real-time in-the-field multiplex panels to test for all relevant strains of avian influenza, initially focusing on Type A, H5 and H7.

Alveo Technologies and Netherlands-based Royal GD have joined forces to deliver transformative solutions for poultry health and welfare. By combining Alveo's groundbreaking molecular testing platform with Royal GD's unmatched veterinary expertise, we are taking a powerful step forward in enabling fast, accurate, and accessible diagnostics at the Point of Need™.



Sample Collection to Results in Less Than One Hour.

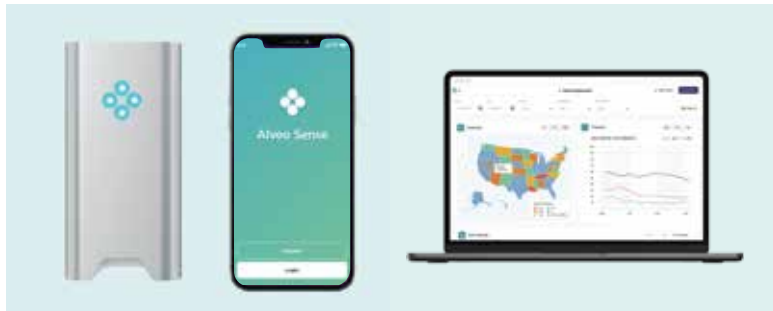
- Patented Nucleic Acid Amplification Technology (NAAT)
- Compatible with Cloacal and Oropharyngeal sample types
- Pool up to 5 Cloacal or 10 oropharyngeal samples.
- Low carbon footprint, no transportation or lab needed.
- Everything needed for the test is included in the kit

High Quality, Reliable and Secure Diagnostic Data

- Molecular Sensitivity without the complexity.
- >99% specificity across all targets.
- 98.3% sensitivity for H5.
- PCR like results without the complexity or expensive equipment.

Traceable Results and Actionable

- Simple data entry via Bluetooth® connection to your smartphone (Android and Apple supported)
- Time-stamped & geotagged results delivered to your device
- Centralized results accessible to authorized users via powerful cloud-based Alveo Vista™ portal.
- Secure cloud data storage via AWS

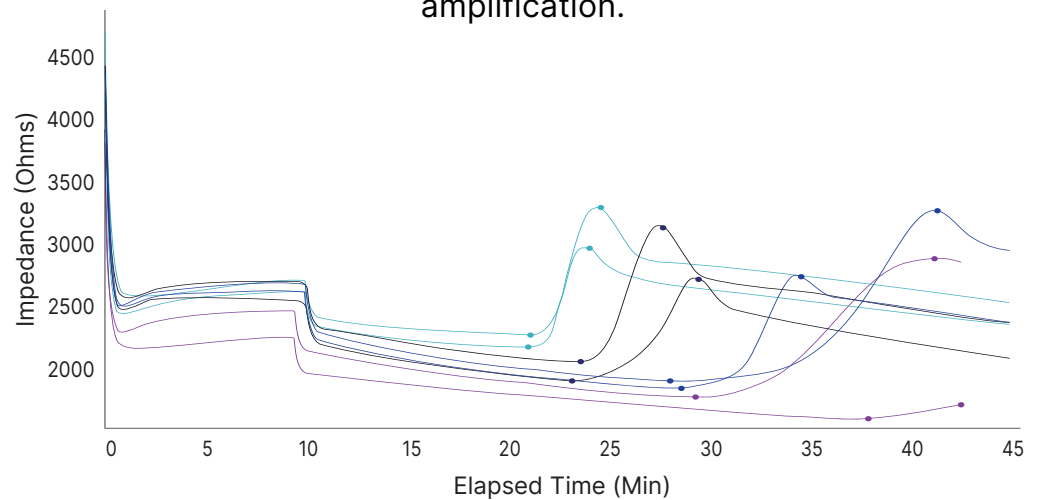


Powered by Proprietary Technology

Alveo's proprietary Direct Electrical Sensing technology measures electrical impedance of the assay reaction solution to assess amplification.

	Alveo	qPCR	
Target H5	Result	Result	Ct Value
Test 1	Positive	Positive	Ct 27.3
Test 2	Positive	Positive	Ct 29.0
Test 3	Positive	Positive	Ct 30.6
Test 4	Positive	Positive	Ct 32.3

The testing algorithm is trained on diverse impedance curves to accurately detect amplification, signaling the presence of the target pathogen. Our software precisely identifies the amplification's start and end points before confirming a positive result.



Product Specifications

Catalog Number:

Product Name

A-FIN-000037 - Alveo Sense™ Poultry Avian Influenza Test Type A, H5, H7

Technology

Nucleic Acid Amplification Test

Limit of Detection (LOD)

H5

Oropharyngeal

Cloacal

H7

488 copies / uL OR CT 33.0

738 copies / uL OR CT 30.6

5130 copies / uL OR CT 29.0

7413 copies / uL OR CT 28.5

Storage Conditions

2 - 30 °C

Kit Size

10 tests / kit

Catalog Number:

Product Name

A-FIN-000039 - Alveo Analyzer

Analyzer Dimensions & Weight

129 × 66 × 20 mm / 0.4 lb (181.4 g)

Electrical Requirements Power Input

90~264VAC, 47~63Hz

Connectivity

Bluetooth® (Mobile app capable of pairing and running 6 tests simultaneously.)

Rechargeable

Yes

Portable

Yes

Storage Conditions

15 - 30 °C

*Product Availability Disclaimer: For veterinary use only. This test is intended for use by trained professionals in accordance with the manufacturer's instructions. Performance claims are based on internal validation studies. Results may vary depending on sample quality, handling, and testing conditions. This product is not available for sales or distribution in the United States. Availability of Alveo Sense™ Poultry Avian Influenza is subject to local regulatory approvals and may vary by country. For inquiries regarding the availability of Alveo Sense™ Avian Influenza in your country, please email us at sales@alveotechnologies.com.

To learn more or request a quote
email sales@alveotechnologies.com