



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 H9.

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.

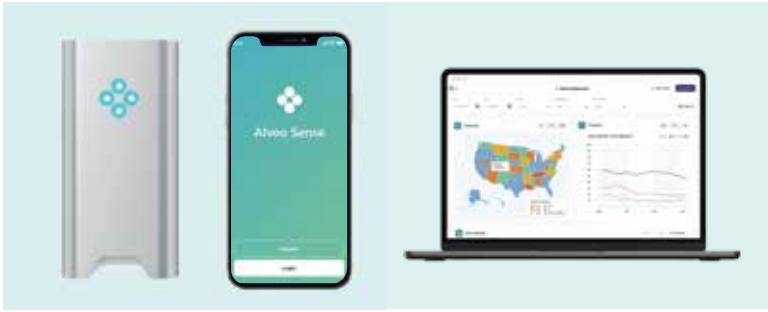
- Patented Nucleic Acid Amplification Technology (NAAT)
- Compatible with Cloacal and Oropharyngeal sample types
- Pool up to 5 Cloacal or 10 oropharyngeal samples.
- Low carbon footprint, no transportation or lab needed.
- Everything needed for the test is included in the kit

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

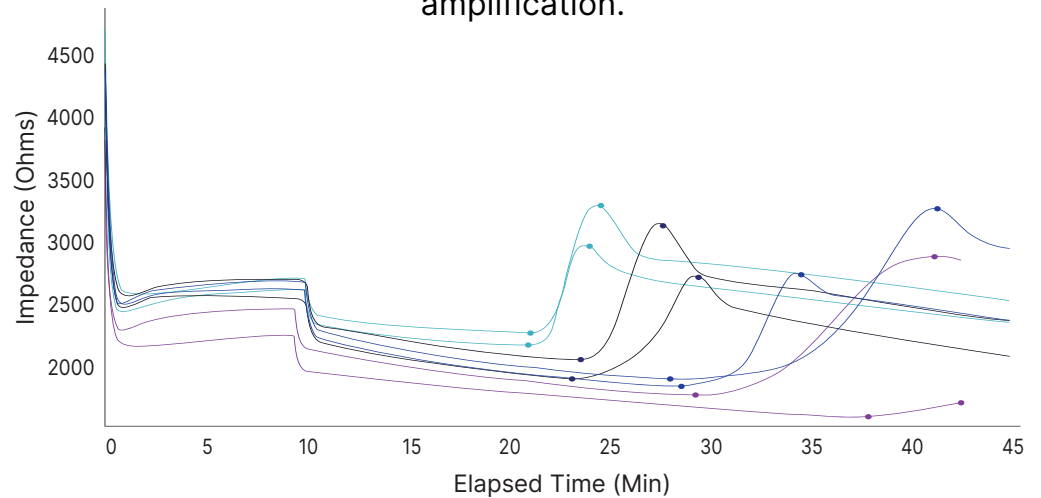


Powered by Proprietary Technology

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:	A-FIN-000031 - Alveo Sense™ Poultry Avian Influenza Test Type A, H5, H9	
Product Name		
Technology	Nucleic Acid Amplification Test	
Limit of Detection (LOD)	Oropharyngeal	Cloacal
H5	488 copies / uL OR CT 33.0	738 copies / uL OR CT 30.6
H9	922 copies / uL OR CT 31.6	922 copies / uL OR CT 31.6
Storage Conditions	2 - 30 °C	
Kit Size	10 tests / kit	

Catalog Number:	A-FIN-000039 - Alveo Analyzer	
Product Name		
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. 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](mailto:sales@alveotechnologies.com)