

Certificate of Analysis



VetMAX™-Gold AIV Detection Kit

Product No. **4485261**
Lot No. **2111044**
Expiration Date **12NOV2022**

The VetMAX™-Gold AIV Detection Kit is a USDA-licensed real-time reverse transcription PCR assay for the detection of Avian Influenza Virus (AIV) RNA isolated from poultry oropharyngeal/tracheal samples. The assay is a single-tube, real-time RT-PCR in which RNA is reverse transcribed into cDNA. AIV targets are amplified and detected in real time using fluorescent TaqMan® probes.

TEST		SPECIFICATION	RESULT	
Real-Time RT-PCR amplification of AIV RNA transcript and Xeno™ RNA internal positive control. (RNA transcript stocks quantified by UV spectrophotometry)	No Template Control	No amplification	Pass	
	Low Potency sample 1600 copies AIV transcript per reaction	27.5-31.5 Ct	30.8	Pass
	Medium Potency sample 80,000 copies AIV transcript per reaction	22.0-26.0 Ct	24.9	Pass
	High Potency sample 4,000,000 copies AIV transcript per reaction	16.0-20.0 Ct	19.2	Pass
	AIV RNA control (from AIV-XenoRNA control mix) 8000 copies AIV RNA control per reaction	25.0-29.0 Ct	27.2	Pass
	XenoRNA control (from AIV-XenoRNA control mix) 8000 copies XenoRNA control per reaction	25.0-29.0 Ct	27.1	Pass
	XenoRNA control component 80,000 copies XenoRNA control per reaction	21.5-25.5 Ct	23.6	Pass

For Veterinary Use Only

Manufactured in compliance with our ISO 9001 and ISO 13485 certified quality management system.

Site: Austin, Texas, USA

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Quality Assurance
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