

Influenza A Virus H9 Primers

Catalog No. NR-12317

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Product Description: NR-12317 is designed to detect the presence of the hemagglutinin (HA) gene from influenza A virus subtype 9 (H9) using a reverse transcription polymerase chain reaction, resulting in an amplicon of approximately 488 base pairs.

Lot: 58640810

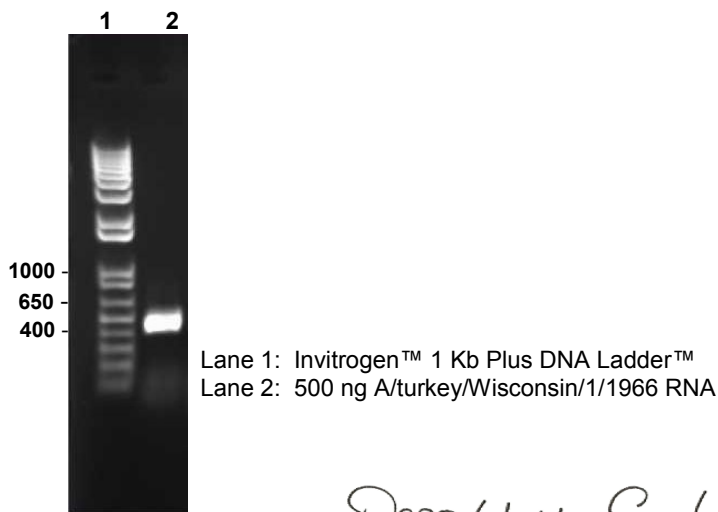
Manufacturing Date: 28JAN2009

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2} Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 488 bp (Figure 1) H9
Specificity	Specific for H9	Specific for H9
Concentration of Each Primer	Report results	50 µM

¹Viral genomic RNA from influenza A virus, A/turkey/Wisconsin/1/1966 (H9N2) was extracted using a Qiagen QIAamp® Viral RNA Mini kit. The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

²The primers are described in Lee, M. S., et al. "Identification and Subtyping of Avian Influenza Viruses by Reverse Transcription-PCR." *J. Virol. Methods* 97 (2001): 13-22. PubMed: 11483213.

Figure 1: RT-PCR Amplification of Genomic RNA from Influenza A Virus, A/turkey/Wisconsin/1/1966 (H9N2)



Date: 22 MAR 2011

Signature:

Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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