

Influenza A Virus H8 Primers

Catalog No. NR-15421

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Product Description: NR-15421 contains forward and reverse primers that specifically amplify a region of the HA gene of influenza A virus subtype 8 (H8), resulting in an amplicon of approximately 413 bp.

Lot: 58732873

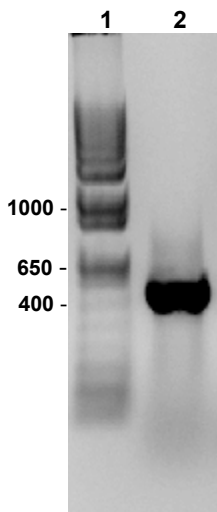
Manufacturing Date: 09JUL2009

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2} Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 413 bp (Figure 1) H8
Specificity	Specific for H8	Specific for H8
Concentration of Each Primer	Report results	50 µM

¹Viral genomic RNA from influenza A virus, A/turkey/Ontario/6118/1968 (H8N4) 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/Ontario/6118/1968 (H8N4)



Lane 1: Invitrogen™ 1 Kb Plus DNA Ladder™
Lane 2: 500 ng A/turkey/Ontario/6118/1968 RNA

Note: The viral genomic RNA is in a background of cellular and carrier RNA.

Date: 23 MAR 2011

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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