

Influenza A Virus H3 Primers

Catalog No. NR-12075

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Product Description:

NR-12075 contains forward and reverse primers to specifically detect the presence of the hemagglutinin (HA) gene from influenza A virus subtype 3 (H3). The viral genomic RNA from influenza A, Aichi/2/1968 (H3N2) (BEI Resources NR-3177) was extracted using the Qiagen® QIAamp Viral RNA Mini Kit and used as a template.

Lot: 70082864

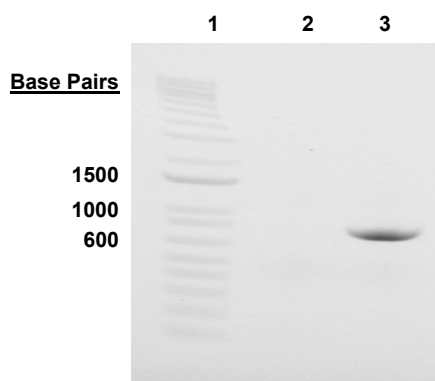
Manufacturing Date: 23SEP2008

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2}		
Amplicon size	Report results	~ 720 base pairs (Figure 1)
Specificity	Specific for H3	Specific for H3
Concentration of Each Primer	Report results	25 µM

¹Functionality of primers retested April 2026

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, Aichi/2/1968 (H3N2) Using NR-12075 Primer



Lane 1: Invitrogen™ TrackIt™ 1 kb Ladder

Lane 2: Negative Control (Water)

Lane 3: RNA from Influenza A, A/Aichi/2/1968 (BEI Resources NR-3177)

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

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13 MAY 2026

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