

Influenza A Virus H13 Primers

Catalog No. NR-15425

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Product Description: NR-15425 contains forward and reverse primers that specifically amplify a region of the HA gene of influenza A virus subtype 13 (H13), resulting in an amplicon of approximately 229 bp.

Lot: 58732877

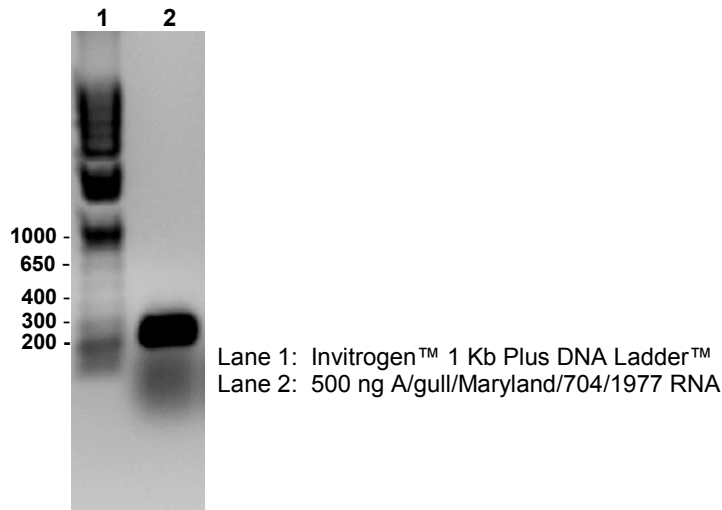
Manufacturing Date: 09JUL2009

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2} Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 229 bp (Figure 1) H13
Specificity	Specific for H13	Specific for H13
Concentration of Each Primer	Report results	50 µM

¹Viral genomic RNA from influenza A virus, A/gull/Maryland/704/1977 (H13N6) 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/gull/Maryland/704/1977 (H13N6)



Date: 17 MAR 2011

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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