

**Influenza A Virus H10 Primers**

**Catalog No. NR-15422**

This reagent is the tangible property of the U.S. Government.

**Product Description:** NR-15422 contains forward and reverse primers that specifically amplify a region of the HA gene of influenza A virus subtype 10 (H10), resulting in an amplicon of approximately 410 bp.

**Lot: 58732874**

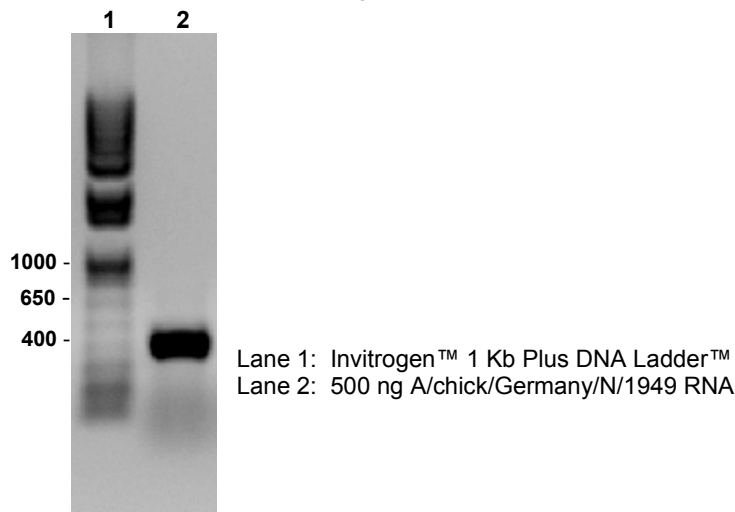
**Manufacturing Date: 09JUL2009**

TEST	SPECIFICATIONS	RESULTS
<b>PCR Amplification and Sequencing</b> <sup>1,2</sup> Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 410 bp (Figure 1) H10
<b>Specificity</b>	Specific for H10	Specific for H10
<b>Concentration of Each Primer</b>	Report results	50 µM

<sup>1</sup>Viral genomic RNA from influenza A virus, A/chick/Germany/N/1949 (H10N7) 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.

<sup>2</sup>The 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/chick/Germany/N/1949 (H10N7)**



**Date:** 23 MAR 2011

**Signature:** *Dorothy C. Young*

**Title:** Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection. You are authorized to use this product for research use only. It is not intended for human use.

