

# Genomic RNA from Influenza A Virus, A/New Caledonia/20/99 (HA, NA) x A/Puerto Rico/8/34 (H1N1), Reassortant X-139 (Kilbourne F98)

**Catalog No. NR-10043**

**For research use only. Not for human use.**

## Contributor:

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## Manufacturer:

BEI Resources, NIAID, NIH

## Product Description:

Genomic RNA was isolated from a preparation of pooled allantoic fluid from specific-pathogen free embryonated chicken eggs infected with reassortant influenza A virus, A/New Caledonia/20/99 (HA, NA) x A/Puerto Rico/8/34 (H1N1) (Kilbourne F98; X-139).<sup>1</sup>

Influenza A/New Caledonia/20/99 (H1N1) was originally isolated on June 9, 1999 from a human nasal swab in New Caledonia in the South Pacific.<sup>2</sup> Influenza A/New Caledonia/20/99 (H1N1)-like viruses have been used as the influenza A (H1N1) component of trivalent vaccines worldwide from 2000-2007.<sup>3</sup>

NR-10043 has been qualified for PCR applications by amplification of an approximately 1030 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

## Material Provided:

Each vial contains 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0) containing sodium azide. The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

## Packaging/Storage:

NR-10043 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

## Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from Influenza A Virus, A/New Caledonia/20/99 (HA, NA) x A/Puerto Rico/8/34 (H1N1), Reassortant X-139 (Kilbourne F98), NR-10043."

## Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see <http://www.cdc.gov/biosafety/publications/bmbl5/BMBL.pdf>.

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## References:

1. [http://www.flu-archive.org/data\\_sheets/F98.doc](http://www.flu-archive.org/data_sheets/F98.doc)
2. Dr. Alexander Klimov, personal communication.
3. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>

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