Plasmid Containing N1 Neuraminidase (NA) Gene from Influenza A Virus, A/common teal/Netherlands/10/2000 (H1N1)

Catalog No. NR-29009
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For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
The N1 neuraminidase (NA) gene from influenza A virus, A/common teal/Netherlands/10/2000 (H1N1), was cloned into a modified version of the bidirectional reverse genetics plasmid, pHW2000. The resulting plasmid, NR-29009, may be used to rescue recombinant viruses with reverse genetics techniques or to express the NA protein by transfection.1,2 The plasmid was produced in Escherichia coli Stbl2™ cells (Invitrogen™) and extracted using a QIAGEN® EndoFree® Plasmid Maxi Kit.

Material Provided:
Each vial contains approximately 100 μL of plasmid DNA in TE buffer (pH 7.0). The DNA concentration and content are shown on the Certificate of Analysis.

Packaging/Storage:
NR-29009 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°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: Plasmid Containing N1 Neuraminidase (NA) Gene from Influenza A Virus, A/common teal/Netherlands/10/2000 (H1N1), NR-29009.”

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.


Disclaimers:
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References:

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