Plasmid Containing a Segment of the E9L Gene from Vaccinia Virus, New York City Board of Health, Linearized

Catalog No. NR-9343
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For research use only. Not for human use.

Contributor:
NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:
A segment of the E9L gene from vaccinia virus, New York City Board of Health (BEI Resources NR-54) was amplified from extracted DNA and cloned into a commercial vector. The plasmid was produced in *Escherichia coli* DH5α™-T1R cells, extracted using a QIAGEN Plasmid Maxi Kit and linearized with *Hind*III.

NR-9343 has been qualified for use as a standard for real-time quantitative PCR. A Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Assay Detection Kit containing forward and reverse primers, probe and NR-9343 is available as BEI Resources NR-9350.

Material Provided:
Each vial contains approximately 45 ng of plasmid DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The concentration is shown on the Certificate of Analysis.

Packaging/Storage:
NR-9343 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Plasmid Containing a Segment of the E9L Gene from Vaccinia Virus, New York City Board of Health, Linearized, NR-9343."

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.

HHS Publication No. (CDC) 93-8395. This text is available online at www.cdc.gov/od/ohs/biosfty/bmpl4/bmpl4toc.htm.

Disclaimers:
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References:

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