

### Pan-Ortho Pox E9L Gene-Specific Quantitative PCR Probe

#### Catalog No. NR-9344

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

#### Contributor:

NIH Biodefense and Emerging Infectious Research Resources Repository, NIAID, NIH

#### Product Description:

NR-9344 was designed be used with forward and reverse primers (NR-9345 and NR-9346) for quantitative PCR of a segment of the orthopox virus E9L gene. NR-9344 contains 6-carboxyfluorescein (6-FAM) at the 5' end and both the minor groove binder (MGB) and a non-fluorescent quenching dye at the 3'end.

A Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Assay Detection Kit containing the NR-9344 probe, forward and reverse primers and a plasmid-based standard is available as BEI Resources NR-9350.

#### Material Provided:

Each vial contains 90 to 100 µL of probe in TE buffer (pH 7.0). The concentration and total probe content is shown on the Certificate of Analysis.

#### Packaging/Storage:

NR-9344 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 upon arrival. Freeze-thaw cycles should be minimized. The 6-FAM probe is light sensitive and should be kept in the dark at all times.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Pan-Orthopox Virus E9L Gene-Specific Quantitative PCR Probe, NR-9344."

#### 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, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

#### Disclaimers:

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