Pan-Ortho Pox E9L Gene-Specific Quantitative PCR Probe

Catalog No. NR-9344
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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 ºC 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

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