Genomic DNA from Monkeypox Virus, USA-2003

Catalog No. NR-4928

For research use only. Not for use in humans.

Contributor:
Inger K. Damon, M.D., Ph.D., Chief, Poxvirus Section, Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Manufacturer:
BEI Resources

Product Description:
Genomic DNA was isolated from a preparation of cell lysate and supernatant from MA-104 Clone 1 cells (ATCC® CRL-2378.1™) infected with monkeypox virus (MPXV), USA-2003. MPXV, USA-2003 was isolated during a 2003 monkeypox outbreak in Wisconsin, USA.1,2 The complete genomic sequences of MPXV, USA-2003-039 (GenBank: DQ011157) and USA-2003-044 (GenBank: DQ011153) have been determined.3 NR-4928 has been qualified for PCR applications by amplification of an approximately 1100 base pairs amplicon. Recommended dilutions for successful PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:
Each vial of lots 57753458 and 63310224 contains approximately 100 µL of viral genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA). Lot 70053399 is a 1:10 dilution of lot 63310224 and each vial contains 50 µL of genomic DNA prepared in TE buffer. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-4928 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: Genomic DNA from Monkeypox Virus, USA-2003, NR-4928.”

Biosafety Level: 1

Disclaimers:
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use, and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure the authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers, and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:
This material is distributed for internal research, non-commercial purposes only. This material, its product, or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products, or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before the first commercial sale.

References:

ATCC® is a trademark of the American Type Culture Collection.