

Monkeypox Virus, hMPXV/USA/MA001/2022 (Lineage B.1, Clade IIb), Heat Inactivated

Catalog No. NR-58711

This reagent is the property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Manufacturer:

BEI Resources

Product Description:

NR-58711 is a preparation of monkeypox virus, hMPXV/USA/MA001/2022 that has been inactivated by heating to 65°C for 30 minutes and diluted prior to vialing.

Monkeypox virus, hMPXV/USA/MA001/2022 was isolated from a human in Massachusetts, USA in May of 2022, during an outbreak of monkeypox.¹

Material Provided:

Each vial contains approximately 0.25 mL of heat-inactivated, clarified and diluted cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (BSC-40; ATCC® CRL-2761™) infected with monkeypox virus, hMPXV/USA/MA001/2022. The vial should be centrifuged prior to opening.

Note: The long-term stability of this preparation is not known at this time. It is recommended that users confirm the activity of the product if not used within three months of receipt. You may also contact BEI Resources for updated stability information.

Note: ddPCR values may differ depending on the efficiency of the extraction method used.

Packaging/Storage:

NR-58711 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monkeypox Virus, hMPXV/USA/MA001/2022 (Lineage B.1, Clade IIb), Heat Inactivated, NR-58711.”

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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Disclaimers:

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

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Use Restrictions:

The MATERIAL can be used for any legitimate purpose required to rapidly prevent, detect, prepare for, and respond to, the spread or transmission of MPXV, and to include use and sharing of the MATERIAL in conjunction with other public health institutions and like partners.

References:

1. [GenBank: ON563414.3](https://www.ncbi.nlm.nih.gov/GenBank/ON563414.3)

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