

## Genomic RNA from Measles Virus, Edmonston

### Catalog No. NR-44104

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Derived from NIAID Catalog No. V-328-001-020

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

#### Contributor:

National Institutes of Allergy and Infectious Diseases (NIAID),  
National Institutes of Health (NIH)

#### Manufacturer:

BEI Resources

#### Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from fetal human lung fibroblast cells (MRC-5, ATCC<sup>®</sup> CCL-171™) infected with measles virus (MV), Edmonston.

MV, Edmonston was isolated from the blood of a human in the acute phase of typical measles in Massachusetts, USA, in 1954.<sup>1</sup> The complete genome of the Edmonston strain has been sequenced (GenBank: [K01711](#)).

NR-44104 has been qualified for PCR applications by amplification of an approximately 1020 nucleotide sequence. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

#### Material Provided:

Each vial contains 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-44104 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. Freeze-thaw cycles should be avoided.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from Measles Virus, Edmonston, NR-44104."

#### 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, 2009; see [www.cdc.gov/biosafety/publications/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

#### Disclaimers:

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#### References:

- Enders, J. F. and T. C. Peebles. "Propagation in Tissue Cultures of the Cytopathogenic Agents from Patients with Measles." *Proc. Soc. Exp. Biol. Med.* 86 (1954): 277-286. PubMed: 13177653.

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