

Genomic RNA from Hepatitis A Virus, HM175/18f

Catalog No. NR-28909

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Macaca mulatta* kidney epithelial cells (FRhK-4; CRL-1688™) infected with hepatitis A virus, HM175/18f. Hepatitis A virus, HM175/18f was isolated from the feces of a patient with acute viral hepatitis during an outbreak of hepatitis A in a semirural area on the outskirts of Melbourne, Australia, during October/November of 1976.¹

NR-28909 has been qualified for PCR applications by amplification of approximately 1000 base pairs of the polyprotein gene. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA). 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-28909 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 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 RNA from Hepatitis A Virus, HM175/18f, NR-28909.”

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/bmbl5/index.htm.

Disclaimers:

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References:

1. Gust, I. D., et al. “The Origin of the HM175 Strain of Hepatitis A Virus.” J. Infect. Dis. 151 (1985): 365-367. PubMed: 2981939.

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