Genomic RNA from Hepatitis A Virus, HM175/18f

Catalog No. NR-28909

For research use only. Not for human use.

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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 FRhK-4 cells infected with hepatitis A virus, HM175/18f.

Hepatitis A virus, HM175 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 The sample was collected one week after the onset of symptoms and the virus was initially passaged through marmosets, isolated from marmoset liver on primary African green monkey kidney (AGMK) cells and subsequently passaged and plaque-purified in BS-C-1 cells. 2 Strain HM175/18f demonstrates a rapid replication/cytopathic effect (RR/CPE+) phenotype in BS-C-1 cells but retains the antigenic characteristics of low culture passage hepatitis A virus.

NR-28909 has been qualified for PCR applications by amplification of an approximately 1050 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-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

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References:

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