Genomic RNA from Avian Coronavirus, Massachusetts (formerly Avian Infectious Bronchitis Virus)

Catalog No. NR-49096

For research use only. Not for use in humans.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Genomic RNA was extracted from the preparation of pooled allantoic fluid from specific pathogen-free (SPF) embryonated chicken eggs infected with the Massachusetts strain of avian coronavirus (formerly avian infectious bronchitis virus (IBV)).

Avian IBV, Massachusetts was isolated in 1941 from the respiratory tract of a 19-day-old chicken with mild respiratory disease. The complete genome of avian IBV, Massachusetts has been sequenced (GenBank: GQ504724).

NR-49096 has been qualified for PCR applications by amplification of approximately 1020 base pairs of the envelope 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 the background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-49096 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 Avian Coronavirus, Massachusetts (formerly Avian Infectious Bronchitis Virus), NR-49096.”

Biosafety Level: 1


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References:
1. ICTV Taxonomy History for Avian Infectious Bronchitis Virus

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