

Influenza A Virus, A/camel/Mongolia/335/2012 (H3N8)

Catalog No. NR-48923

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Contributor:

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain: A/camel/Mongolia/335/2012 (H3N8)

Original Source: Influenza A virus, A/camel/Mongolia/335/2012 (H3N8) was isolated from a nasal swab collected from an asymptomatic Bactrian camel (*Camelus bactrianus*) in Dundgovi Aimag (province), Mongolia on December 1, 2012.¹ Phylogenetic analysis indicated that this virus likely represents a recent horse to camel transmission event.

Comments: Sequence information is available for influenza A virus, A/camel/Mongolia/335/2012 (H3N8) at the [Influenza Research Database](#).

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/camel/Mongolia/335/2012 (H3N8).

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

NR-48923 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.

Growth Conditions:

Host: 9- to 11-day-old SPF embryonated chicken eggs

Infection: Embryonated chicken eggs must be candled for viability prior to inoculation

Incubation: 2 days at 35°C in a humidified chamber

Effect: Hemagglutination activity using chicken red blood cells and allantoic fluid from infected embryonated chicken eggs

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH:

Influenza A Virus, A/camel/Mongolia/335/2012 (H3N8), NR-48923."

Biosafety Level: 2

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.

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References:

1. Yondon, M., et al. "Equine Influenza A (H3N8) Virus Isolated from Bactrian Camel, Mongolia." Emerg. Infect. Dis. 20 (2014): 2144-2147. PubMed: 25418532.

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