

Influenza A Virus, A/mallard/Republic of Georgia/4/2010 (H1N1)

Catalog No. NR-48502

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain: A/mallard/Republic of Georgia/4/2010 (H1N1)

Original Source: Influenza A virus, A/mallard/Republic of Georgia/4/2010 (H1N1) was isolated from a mallard in the Kolkheti Lowland Wetlands on the Black Sea Coast of the Guria region of the Republic of Georgia on February 17, 2010.¹

Comments: Sequence information is available for influenza A virus, A/mallard/Republic of Georgia/4/2010 (H1N1) 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/mallard/Republic of Georgia/4/2010 (H1N1).

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

Packaging/Storage:

NR-48502 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 10-day-old SPF embryonated chicken eggs

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

Incubation: 2 days at 37°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/mallard/Republic of Georgia/4/2010 (H1N1), NR-48502.”

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/bmbl5/index.htm.

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References:

1. Lewis, N. S., et al. “Avian Influenza Virus Surveillance in Wild Birds in Georgia: 2009-2011.” PLoS One 8 (2013): e58534. PubMed: 23516501.

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