

# Influenza A Virus, A/mallard/Alberta/417/2009 (H2N3)

Catalog No. NR-45135

For research use only. Not for use in humans.

## Contributor:

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## Manufacturer:

BEI Resources

## Product Description:

Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/mallard/Alberta/417/2009 (H2N3)

Original Source: Influenza A virus,  
A/mallard/Alberta/417/2009 (H2N3) was isolated from a  
mallard in Alberta, Canada on August 22, 2009.<sup>1</sup>

Comments: Sequence information is available for influenza A  
virus, A/mallard/Alberta/417/2009 (H2N3) at the [Bacterial  
and Viral Bioinformatics Resource Center](#).

## Material Provided:

Each vial contains approximately 1.0 mL of pooled allantoic  
fluid from specific pathogen free (SPF) embryonated chicken  
eggs infected with influenza A virus,  
A/mallard/Alberta/417/2009 (H2N3).

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

## Packaging/Storage:

NR-45135 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 to  
confirm viability prior to inoculation

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

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

## Citation:

Acknowledgment for publications should read "The following  
reagent was obtained through BEI Resources, NIAID, NIH:  
Influenza A Virus, A/mallard/Alberta/417/2009 (H2N3),  
NR-45135."

## Biosafety Level: 3

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 \(BMBL\)](#), 6th ed.  
Washington, DC: U.S. Government Printing Office, 2020.

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## References:

1. Bahl, J., et al. "Influenza A Virus Migration and  
Persistence in North American Wild Birds." *PLoS Pathog.*  
9 (2013): e1003570. PubMed: 24009503.

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