

Influenza A Virus, A/blue-winged teal/Alberta/346/2007 (H4N3)

Catalog No. NR-45150

For research use only. Not for use in humans.

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/blue-winged teal/Alberta/346/2007 (H4N3)

Original Source: Influenza A virus, A/blue-winged
teal/Alberta/346/2007 (H4N3) was isolated from a blue-
winged teal in Alberta, Canada, on August 28, 2007.¹

Comments: Sequence information is available for influenza A
virus, A/blue-winged teal/Alberta/346/2007 (H4N3) at the
[Bacterial and Viral Bioinformatics Resource Center](http://www.bvpr.org/).

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/blue-winged
teal/Alberta/346/2007 (H4N3).

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

Packaging/Storage:

NR-45150 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/blue-winged teal/Alberta/346/2007
(H4N3), NR-45150."

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 \(BMBL\)](http://www.fda.gov/oc/ohrt/biosafety.html), 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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