

# Product Information Sheet for NR-3177

## Influenza A Virus, A/Aichi/2/1968 (H3N2)

### Catalog No. NR-3177

This reagent is the property of the U.S. Government.

### For research use only. Not for use in humans.

#### Contributor:

National Institutes of Allergy and Infectious Diseases (NIAID),  
National Institutes of Health (NIH)

#### Manufacturer:

BEI Resources (Lot No. 57950344, 63379473 and 70057927)  
National Communicable Disease Center (Lot No. V-301-091-000)

#### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Aichi/2/1968 (H3N2) (NIAID V-301-091-000)

Original Source: Influenza A virus, A/Aichi/2/1968 (H3N2) was isolated from a sailor on an Israeli ship docking at Aichi, Japan, in 1968.<sup>1</sup>

Comments: Influenza A virus, A/Aichi/2/1968 (H3N2) (NIAID V-301-091-000) was deposited at BEI Resources in 2007. Sequence information is available for influenza A virus, A/Aichi/2/1968 (H3N2) 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/Aichi/2/1968 (H3N2).

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

#### Packaging/Storage:

NR-3177 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/Aichi/2/1968 (H3N2), NR-3177."

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

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#### References:

1. Coleman, M. T., et al. "The Hong Kong-1968 Influenza A2 Variant." [Lancet](#) 2 (1968): 1384-1386. PubMed: 4177941.

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