

## Influenza A Virus, A/Hong Kong/8/1968 (H3N2)

### Catalog No. NR-346

(Derived from ATCC® VR-544™)

**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/Hong Kong/8/1968 (H3N2)

Original Source: Influenza A virus, A/Hong Kong/8/1968 (H3N2) was isolated from a patient by Dr. W. K. Chang in Hong Kong, in 1968.

Comments: Influenza A virus, A/Hong Kong/8/1968 (H3N2) was deposited at ATCC® in 1968 by Marion T. Coleman, Ph.D., World Health Organization International Influenza Center for the Americas, National Communicable Disease Center, Atlanta, Georgia, USA.

Sequence information is available for influenza A/Hong Kong/8/1968 (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/Hong Kong/8/1968 (H3N2).

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

#### Packaging/Storage:

NR-346 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/Hong Kong/8/1968 (H3N2), NR-346."

#### 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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

- Centers for Disease Control and Prevention (U.S.). MMWR Morb. Mortal. Wkly. Rep. 17 (1968): 305–306.
- Coleman, M. T., et al. "The Hong Kong-68 Influenza A2 Variant." Lancet 2 (1968): 1384–1386. PubMed: 4177941.

3. Palese, P. and J. L. Schulman. "Mapping of the Influenza Virus Genome: Identification of the Hemagglutinin and the Neuraminidase Genes." Proc. Natl. Acad. Sci. U.S.A. 73 (1976): 2142–2146. PubMed: 1064882.
4. Ritchey, M. B., P. Palese, and J. L. Schulman. "Mapping of the Influenza Virus Genome. III. Identification of Genes Coding for Nucleoprotein, Membrane Protein, and Nonstructural Protein." J. Virol. 20 (1976): 307–313. PubMed: 985644.

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