

**Influenza A Virus, A/Formosa/313/1957 (H2N2)**

**Catalog No. NR-15561**

**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/Formosa/313/1957 (H2N2)

Original Source: Influenza A virus, A/Formosa/313/1957 (H2N2) was isolated from the throat washing of a patient in Taipei during the influenza epidemic in Taiwan during April-May of 1957.<sup>1</sup>

Comments: The strain was originally named A/Taiwan-22/57 and was subsequently designated A/Formosa/313/57 by the Walter Reed Army Medical Institute of Research.<sup>2</sup> It is representative of the "Far East" influenza A viruses responsible for the 1957 pandemic.<sup>3</sup>

**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/Formosa/313/1957 (H2N2).

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

**Packaging/Storage:**

NR-15561 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°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 for viability prior to inoculation

Incubation: 2 days at 37°C in a humidified chamber without CO<sub>2</sub>

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/Formosa/313/1957 (H2N2), NR-15561."

**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. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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**References:**

1. Wang, S.-P., "Laboratory Studies on Influenza Epidemic in Taiwan During April-May, 1957." Chinese Med. J. 4 (1957): 70-80.
2. Wen, H.-S., and Wang, S.-P. "Mouse Adaptation of the

Asian Influenza Virus." J. Infect. Dis. 105 (1959): 9-17.  
PubMed: 13665045.

3. Wang, S.-P., and Lin, T.-Y., "Laboratory Studies on Some Biological Properties of the Far East Influenza Virus." J. Infect. Dis. 103 (1958): 178-182. PubMed: 13588070.

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