

**Influenza A Virus, A/Wilson-Smith/1933 (H1N1) (clone)**

**Catalog No. NR-28663**

**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/Wilson-Smith/1933 (H1N1), also A/United Kingdom/1/1933 (H1N1)

Original Source: Influenza A virus, A/Wilson-Smith/1933 (H1N1) was isolated from a human in the United Kingdom on April 16, 1933.

Comments: Sequence information is available for influenza A virus, A/United Kingdom/1/1933 (H1N1) at the [Influenza Research Database](#). Note that although NR-28663 was deposited to BEI Resources as A/Wilson-Smith/1933 (H1N1), nucleotide sequence obtained from the same source material by the NIAID Influenza Genome Sequencing Consortium was deposited to NCBI and IRD as A/United Kingdom/1/1933 (H1N1). This simply reflects a renaming of the original Wilson-Smith isolate using the modern standard nomenclature for influenza strains, specifying the geographical location of isolation and a sequential isolate number. Comparison of several published nucleotide sequences indicates that the two strain designations can be considered synonymous.

**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/Wilson-Smith/1933 (H1N1).

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

**Packaging/Storage:**

NR-28663 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 for viability prior to inoculation

Incubation: 2 days at 35°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/Wilson-Smith/1933 (H1N1) (clone), NR-28663."

**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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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