

Product Information Sheet for NR-41797

Influenza A Virus, A/Brisbane/59/2007 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant IVR-148

Catalog No. NR-41797

Derived from CDC ID No. 2008705879

For research use only. Not for human use.

Contributor:

WHO Collaborating Center for Surveillance, Epidemiology and Control of Influenza, Centers for Disease Control and Prevention, Atlanta, GA, USA

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Reassortant: A/Brisbane/59/2007 (HA, NA) x A/Puerto Rico/8/1934 (H1N1)

Preparation: NR-41797 is a classical reassortant virus derived from A/Brisbane/59/2007 (H1N1) and reassortant IVR-6. The HA and NA proteins are from A/Brisbane/59/2007 (H1N1). IVR-6 is A/Texas/1/1977 (HA, NA) x A/Puerto Rico/8/1934 (H3N2).¹

Comments: Influenza A virus, A/Brisbane/59/2007 (H1N1) was isolated from a human in Queensland, Australia on July 1, 2007. The US Food and Drug Administration recommended influenza A/Brisbane/59/2007 (H1N1)-like viruses for use as vaccines during the 2008-2009² and 2009-2010³ influenza seasons. The World Health Organization recommended influenza A/Brisbane/59/2007 (H1N1)-like viruses for use as vaccines during the 2008-2009 Northern Hemisphere, the 2009 Southern Hemisphere and the 2009-2010 Northern Hemisphere influenza seasons.⁴ Sequence information is available for influenza A virus, A/Brisbane/59/2007 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant IVR-148 at the [Influenza Research Database](http://www.beiresources.org).

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with reassortant influenza A virus, A/Brisbane/59/2007 (HA, NA) x A/Puerto Rico/8/1934 (H1N1).

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

Packaging/Storage:

NR-41797 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

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/Brisbane/59/2007 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant IVR-148, NR-41797."

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/bmbl5/index.htm.

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References:

1. Rodda, S. J., H. A. Gallichio and A. W. Hampson. "The Single Radial Immunodiffusion Assay Highlights Small Antigenic Differences among Influenza Virus Hemmagglutinins." J. Clin. Microbiol. 14 (1981): 479-482. PMC273972.
2. [CDC Prevention and Control of Influenza - 2008 Recommendations](#) (PubMed: [18685555](#))
3. [CDC Prevention and Control of Influenza - 2009 Recommendations](#) (PubMed: [19644442](#))
4. [WHO Recommendations for Influenza Vaccines](#)

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