Product Information Sheet for NR-19880

Fluzone® Influenza Virus Vaccine, 2008-2009 Formula

Catalog No. NR-19880

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For research use only. Not for human use.

Contributor:

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

Manufacturer:

Sanofi Pasteur, Inc.

Product Description:

NR-19880 is an inactivated influenza virus vaccine prepared from influenza viruses propagated in embryonated chicken eggs. The virus-containing allantoic fluid was harvested and inactivated with formaldehyde. Influenza virus was concentrated and purified in a linear sucrose density gradient solution using a continuous flow centrifuge. The virus was then chemically disrupted using a non-ionic surfactant, polyethylene glycol p-isooctylphenyl ether, (Triton® X-100) producing a "split virus". The split virus was further purified and then suspended in sodium phosphate-buffered isotonic sodium chloride solution.

The hemagglutinin content was standardized according to U.S. Public Health Service requirements. Each 0.5 mL syringe contains the recommended ratio of 15 µg each of the hemagglutinin antigens from influenza viruses A/Brisbane/59/2007 (H1N1), A/Uruguay/716/2007 (H3N2) (an A/Brisbane/10/2007-like strain) and B/Florida/04/2006.

Gelatin (0.05%) was added as a stabilizer. Each 0.5 mL dose may contain residual amounts of formaldehyde (≤ 100 µg), Triton® X-100 (≤ 0.02%), and sucrose (≤ 2.0%). No thimerosal was used in the manufacturing process of the No Preservative single-dose presentations of Fluzone® vaccine.

Please note that this vaccine preparation is being released for research use only and not for human use. Vaccines produced for the 2008-2009 season are now past their expiration dates.

Material Provided:

Each vial contains 0.5 mL of split-virus vaccine in phosphate-buffered saline and 0.05% gelatin.

Packaging/Storage:

NR-19880 is packaged in a 0.5 mL vial. The product is provided on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival. Do not freeze.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Fluzone® Influenza Virus Vaccine, 2008-2009 Formula, NR-19880."

Biosafety Level: 1

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/bmbl5/bmbl5toc.htm.

Disclaimers:

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References:

1. Fiore, A. E., et al. "Prevention and Control of Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2008." MMWR Recomm. Rep. 59 (2010): 1-62. PubMed: 18685555.
2. WHO Recommendations for Influenza Vaccines

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