

**Flucelvax® Quadrivalent Influenza Vaccine, 2019/2020 Season (0.5 mL Syringe)**

**Catalog No. NR-53880**

This reagent is the property of the U.S. Government.

**For research use only. Not for use in humans.**

**Contributor:**

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**Manufacturer:**

Seqirus, Inc., Holly Springs, North Carolina, USA

**Product Description:**

NR-53880 is a subunit influenza virus vaccine prepared from virus propagated in Madin-Darby canine kidney (MDCK) cells. The virus was inactivated with β-propiolactone, disrupted by the detergent cetyltrimethylammonium bromide and purified through several process steps. Each of the four virus strains were produced and purified separately and then pooled to formulate the quadrivalent vaccine.

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 (HA) antigens from influenza viruses A/Idaho/07/2018 [an A/Brisbane/02/2018 (H1N1)pdm09-like virus], A/Indiana/08/2018 [an A/Kansas/14/2017 (H3N2)-like virus], B/Iowa/06/2017 (a B/Colorado/06/2017-like virus) and B/Singapore/INFTT-16-0610/2016 (a B/Phuket/3073/2013-like virus). Flucelvax Quadrivalent 0.5 mL pre-filled vaccine syringes contain no preservatives or antibiotics.

Please note that this vaccine preparation is being released for research use only and not for human use. Vaccines produced for the 2019-2020 season are now past their expiration dates. (Expires: JUN2020)

**Material Provided:**

Each syringe contains 0.5 mL of virus suspension in phosphate-buffered saline.

**Packaging/Storage:**

NR-53880 is packaged in a 0.5 mL prefilled syringe. The product is provided on refrigerated bricks and should be stored at 2°C to 8°C immediately upon arrival. Do not freeze. Protect from light.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Flucelvax® Quadrivalent Influenza Vaccine, 2019/2020 Season (0.5 mL Syringe), NR-53880.”

**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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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