

Influenza B Victoria lineage egg-derived candidate vaccine viruses for development and production of vaccines for use in the 2018-2019 northern hemisphere influenza season

Antigenic and genetic analyses are performed by the WHO Collaborating Centres of the Global Influenza Surveillance and Response System (GISRS). Unless otherwise indicated all candidate vaccine viruses posted on this table have passed two-way haemagglutination inhibition (HI) test.

[National or Regional control authorities approve the composition and formulation of vaccines used in each country](#)

22 February 2018*

Candidate vaccine viruses

Parent virus	Candidate vaccine virus	Type of virus or reassortant	Developing institute	Available from
B/Colorado/06/2017*	Wild type virus			CDC, USA NIBSC, UK
B/Alabama/2/2017*	Wild type virus			CDC, USA NIBSC, UK
B/Maryland/15/2016*	Wild type virus			CDC, USA NIBSC, UK
	NYMC BX-69	Classical	NYMC, USA	CDC, USA NIBSC, UK NYMC, USA
	NYMC BX-69A		NYMC, USA	CDC, USA NIBSC, UK NYMC, USA

**New candidate vaccine virus shown in blue*

Institutes contact details for candidate vaccine viruses orders/information:

CDC: xxu@cdc.gov

NIBSC: standards@nibsc.org or enquiries@nibsc.org

NIID: flu-vaccine@nih.go.jp

NYMC: doris_bucher@nymc.edu

WHO CCs and ERLs: http://www.who.int/influenza/gisrs_laboratory/collaborating_centres/list/

Reference antigens (freeze-dried) – to be updated

Parent virus	Starting materials		Ref Ag Lot number	Unitage (µgHA/ml)	Available from
	Candidate vaccine virus	Egg or cell			

Sheep antisera – to be updated

Purified HA from		Order Lot number	Available from
Parent virus	Egg or Cell		

The above-listed potency testing reagents have been developed with support from manufacturers, and calibrated by the WHO Essential Regulatory Laboratories (ERLs) of the Global Influenza Surveillance and Response System (GISRS).

ERLs contact details for reagents orders/information:

NIBSC: standards@nibsc.org or enquiries@nibsc.org

NIID: flu-vaccine@nih.go.jp

TGA: influenza.reagents@health.gov.au

The list of all WHO Collaborating Centres (CCs) and Essential Regulatory Laboratories (ERLs) for influenza can be found on the WHO web site at

http://www.who.int/influenza/gisrs_laboratory/collaborating_centres/

For other candidate vaccine viruses and potency testing reagents, please go to

http://www.who.int/influenza/vaccines/virus/candidates_reagents/home/en/

For general enquiries, please contact gisrs-whohq@who.int