

Influenza B Yamagata lineage candidate vaccine viruses for development and production of vaccines for use in the southern hemisphere 2016 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](#)

24 September 2015

Candidate vaccine viruses

Parent virus	Candidate vaccine virus	Type of virus or reassortant	Developing institute	Available from
B/Phuket/3073/2013		Wild type virus		WHO CCs WHO ERLs
B/Brisbane/9/2014		Wild type virus		WHO CCs WHO ERLs
B/Utah/09/2014		Wild type virus		CDC, USA

Institutes contact details for candidate vaccine viruses orders/information:

CDC: xxu@cdc.gov

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/list/en/

Reference antigens (freeze-dried)

Parent virus	Starting materials		Ref Ag Lot number	Unitage (µgHA/ml)	Available from
	Candidate vaccine virus	Egg or cell			
B/Phuket/3073/2013	Wild type	Egg	14/252	32	NIBSC, UK
			2014/103B	83	TGA, Australia
			2015105B	80	
			2015BYA	62	NIID Japan
			2015BYB	61	
B/Brisbane/9/2014	Wild type	Egg	14/274	42	NIBSC, UK

Sheep antisera

Purified HA from		Order Lot number	Available from
Parent virus	Egg or Cell		
B/Phuket/3073/2013	Egg	14/248	NIBSC, UK
		2015BY-1	NIID Japan
B/Wisconsin/1/2010 (BY-41A)	Egg	AS402/AS402-1	TGA, Australia
		AS409 [#]	

[#] Used to calibrate B/Phuket/30173/2014 2015/105B

ERLs contact details for reagents orders/information:

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

TGA: influenza.reagents@tga.gov.au

NIID: flu-vaccine@nih.go.jp

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

For other candidate vaccine viruses and potency testing reagents, please go to http://www.who.int/influenza/vaccines/virus/candidates_reagents/home/en/