

Summary of status of development and availability of A(H5) non-A(H5N1) candidate vaccine viruses and potency testing reagents

20 February 2019

Candidate vaccine viruses

Subtype	Antigenic prototype	Clade	Candidate vaccine virus	Developing institute	Available from
H5N6	A/duck/Hyogo/1/2016	2.3.4.4	Wild type virus		WHO CCs
			NIID-001*	NIID, Japan	NIID, Japan
	A/Sichuan/26221/2014	2.3.4.4	Wild type virus		WHO CCs
			IDCDC-RG42A*	CCDC, China CDC, USA	CDC, USA
	A/Hubei/29578/2016	2.3.4.4	Wild type virus		WHO CCs
			CNIC-HB29578*	CCDC, China	CCDC, China
	A/Fujian-Sanyuan/21099/2017	2.3.4.4	Wild type virus		WHO CCs
			CNIC-21099*	CCDC, China	CCDC, China
H5N8	A/gyrfalcon/Washington/41088-6/2014	2.3.4.4	Wild type virus		WHO CCs
			IDCDC-RG43A*	CDC, USA	CDC, USA

*These viruses are candidate vaccine viruses which have passed relevant safety testing and two-way haemagglutination inhibition (HI) tests. They can be handled under BSL-2 enhanced containment¹.

¹ <http://www.who.int/biologicals/publications/trs/areas/vaccines/influenza/Annex%205%20human%20pandemic%20influenza.pdf?ua=1>

Candidate vaccine viruses in preparation

Subtype	Antigenic prototype	Clade	Developing Institute	Available from
H5N6	A/chicken/Viet Nam/NCVD-15A59/2015	2.3.4.4	SJCRH, USA	Pending
H5N6	A/Guangdong/18SF020/2018-like [#]	2.3.4.4	CCDC, China HKU, China	Pending

[#]New candidate vaccine virus in preparation, shown in blue

Institutes contact details for candidate vaccine virus orders and other information:

CCDC: dayanwang@cnic.org.cn

CDC: dwentworth@cdc.gov (Subject: CVV Request)

NIID: nobusawa@nih.go.jp

SJCRH: richard.webby@stjude.org

HKU: malik@hkucc.hku.hk

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

Candidate vaccine viruses and potency testing reagents for influenza A(H5N1) can be found on the WHO web site at http://www.who.int/influenza/vaccines/virus/candidates_reagents/a_h5n1/en/

For information of other type and subtype candidate vaccine viruses and potency testing reagents, please go to: <http://www.who.int/influenza/vaccines/virus/en/>

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