

## Summary of available potency testing reagents for Pandemic (H1N1) 2009 virus vaccines - update

**20 November 2009**

Vaccine potency testing reagents for the pandemic (H1N1) 2009 virus vaccines have been developed with support from manufacturers, and calibrated by the Essential Regulatory Laboratories (ERLs) that provide advice to WHO as part of the influenza vaccine virus selection process.

The reagents listed below are currently available.

National Regulatory Authorities and vaccine manufacturers interested in acquiring these reagents should contact the relevant ERLs listed below. For general queries, please email to [GISN@who.int](mailto:GISN@who.int)

### Reference antigens (freeze-dried)

Parent virus	starting materials		Ref Ag Lot #	Unitage (µgHA/mL)	availability	
	CVV*	Egg or Cell			from	since (date)
A/California/7/2009 (H1N1)	NYMCX-179A	Egg	2009/83B	65	TGA	13July 09
			09/146	50	NIBSC	27July 09
			69	63**	CBER/FDA	11Aug 09
			2009AH1V A	57	NIID	11Sep 09
			2009AH1V B	75	NIID	11Sep 09
	NYMCX-181		2009/84B	68	TGA	14Oct 09
	NIBRG-121xp		09/196	37	NIBSC	24Sep 09
	NYMCX-179A	Cell	09/174	45-55***	NIBSC	28Aug 09

\* CVV: Candidate vaccine virus

\*\* Applications with vaccines made from heterologous CVV require verification and potential re-calibration

\*\*\* Estimated potency range

## Sheep antisera

purified HA from		Order / Lot #	availability	
Parent virus	Egg or Cell		from	since (date)
A/California/7/2009 (H1N1)	Egg	<b>09/142</b>	NIBSC	29 June 09
	Egg	<b>09/152</b>	NIBSC	21 July 09

### ERLs contact details for orders/information:

CBER/FDA: [Rajesh.Gupta@fda.hhs.gov](mailto:Rajesh.Gupta@fda.hhs.gov)

NIBSC: [standards@nibsc.hpa.org.uk](mailto:standards@nibsc.hpa.org.uk)

NIID: [sitamura@nih.go.jp](mailto:sitamura@nih.go.jp)

TGA: [Influenza.Standards@tga.gov.au](mailto:Influenza.Standards@tga.gov.au)