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Reference panel of sera



Purpose

To define a minimum set of sera that will enable preliminary subtyping of the HA of all global strains of SIV

OFFLU network to make available a panel?

H1(N1)

Asia:

A/swine/Narita/aq21/2011 (pdm)

Americas

A/swine/Ohio/511445/07 ($\alpha\gamma\beta$)

A/swine/Illinois/00685/05 (delta 2)

A/swine/California/4/09 (pdm)

Europe

A/swine/California/4/09 (pdm)

A/swine/Cotes d'Armor/0388/09 (H1av)

H3N2

Asia:

A/swine/Osaka-C/12-20/08 (hu)?

A/swine/Binh Duong/03-14/10 (hu)?

Americas

A/swine/Minnesota/01146/06 (IV-TRIG)

Europe

A/swine/Flanders/1/98 (PC73 like)

H1(N2)

Asia:

A/swine/Tochigi/1/2008 (classical HA)

A/swine/Binh Duong/02-16/2010 (hu HA)?

Americas

A/swine/Ohio/511445/07 ($\alpha\gamma\beta$)

A/swine/Illinois/00685/05 (delta 2)

Europe

A/swine/Scotland/410440/94 (hu HA)

Next steps??

To determine if these sera as a panel offer the possibility to preliminary subtype any SIV

Assemble panel, define homologous titres and exchange

Ask partners to test with their local contemporary viruses to establish suitability for global strains of SIV