

Report no: 04/09		2dmVNT					
Field Isolate:	SAU Isolate ref:	2dmVNT test ref:	O Manisa UV pool	O Bfs VP pool	O Ind R2/75 9418	O Kauf VQ pool	
O Sud 3/2008	B58/09	mean	no cpe	no cpe	no cpe		
O Sud 4/2008	B57/09	mean	0.68	0.49	0.78	0.36	
O Sud 8/2008	B59/09	mean	0.49	0.35	0.90	0.37	

In the case of neutralisation:

$r_1 = \geq 0.3$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

In the case of ELISA:

$r_1 = 0.4-1.0$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = 0.2-0.39$, Suggests that the field isolate is antigenically related to the vaccine strain. The vaccine strain might be suitable for use if no closer match can be found provided that a potent vaccine is used and animals are preferably immunised more than once.

$r_1 = < 0.2$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect

N.B.

All of our phylogenetic trees can be accessed via the internet at:

http://www.iah.bbsrc.ac.uk/primary_index/current_research/virus/Picornaviridae/Aphthovirus/index.htm