

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2017/00008

Report Date: 03/07/2017

Interpretation Of Results

r_1 greater than or equal to 0.3 – suggest that there is a close antigenic relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

r_1 less than or equal to 0.3 – suggest that the field isolate is antigenically different from the vaccine strain and that the vaccine is unlikely to protect.

0 = no neutralisation for the field virus was observed at a virus dose of a 100TCID₅₀.

2dmVNT r_1 RESULTS

Vaccines:

Field Isolates:	A Iran 2005	A TUR 20/06	A Tur11 VV	A Tur14 VV	A22 IRQ	O 3039	O Manisa	O Tur 5/09
A/IRN/2/2017	0.26	0.28	0.44	0	0.6			
A/IRN/4/2017	0.27	0	0	0	0.2			
A/IRN/7/2017	0.22	0.41	0.15	0.32	0.39			
O/IRN/12/2017						0.37	0.25	0.69
O/IRN/8/2017						0.43	0.29	0.52