

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2015/00031

Report Date: 16/05/2016

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 MAY 97	A SAU 95 (1)	A Sau 95 (2)	A TUR 20/06	A22 IRQ	Asia1 Shamir	O 3039	O Manisa	O/TUR/5/2009
A/IRN/10/2015	0.35				0.12	0.35				
A/IRN/12/2015	0	0.15	0.11	0.16	0.15	0.04				
A/IRN/25/2015	0				0.01	0				
A/IRN/5/2015	0.11				0.1	0.3				
A/IRN/8/2015	0.03	0.23	0.19	0.26	0.01	0.13				
ASIA 1/IRN/2/2015							0.07			
ASIA 1/IRN/20/2015							0.06			
O/IRN/4/2015								0.48	0.2	0.68
O/IRN/6/2015								0.63	0.26	0.54