

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2018/00007

Report Date: 15/06/2018

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 IRN/2005	A/GVII	A/TUR/20/2006	A22 IRQ/24/64	Asia1 Shamir	O 3039	O Manisa	O TUR 5/09
A/IRN/10/2018	0.48	0	0.22	0.45				
A/IRN/23/2018	0.19	0	0.36	0.33				
A/IRN/25/2018	0	0.71	0	0.14				
ASIA 1/IRN/19/2018					0.39			
ASIA 1/IRN/7/2018					0.48			
O/IRN/1/2018						0.58	0.37	0.34
O/IRN/12/2018						0.85	0.48	0.63