

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number: WRLFMD/2018/00005

Report Date: 20/03/2018

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:	Asia1 Shamir	O 3039	O Manisa	O TUR 5/09
ASIA 1/NEP/42/2017	0.83			
ASIA 1/NEP/45/2017	0.51			
O/NEP/33/2017		0.35	0.23	0.76
O/NEP/35/2017		0.35	0.26	0.56