

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number: WRLFMD/2019/00020

Report Date: 05/07/2019

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	A22 IRQ/24/64	O 3039	O Manisa	O TUR 5/09
A/ETH/19/2019	0.05	0	0			
A/ETH/85/2018	0.05	0	0			
O/ETH/73/2018				0.5	0.29	1
O/ETH/9/2019				0.76	0.52	0.71