

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number: WRLFMD/2019/00022

Report Date: 17/06/2019

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:	O 3039	O Manisa	O Tur 5/09	SAT 2 ERI	SAT 2 ZIM
O/ZAM/2/2019	0.62	0.31	0.44		
SAT 2/ZAM/10/2019				0.66	0.35
SAT 2/ZAM/12/2019				0.72	0.17