

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number: WRLFMD/2016/00034

Report Date: 03/01/2017

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 | SAT105 RHO |
|------------------|--------|----------|------------|------------|
| O/NIG/1/2016 | 0.01 | 0.01 | 0.32 | |
| O/NIG/12/2016 | 0.66 | 0.6 | 0.51 | |
| O/NIG/19/2016 | 0.52 | 0.79 | 0.68 | |
| O/NIG/4/2016 | 0.26 | 0.23 | 0.29 | |
| SAT 1/NIG/1/2015 | | | | 0.15 |
| SAT 1/NIG/2/2015 | | | | 0.13 |