

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2017/00018

Report Date: 13/10/2017

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: | A IRN/2005 | A/TUR/20/2006 | A22 IRQ/24/64 | Asia1 Shamir | O 3039 | O Manisa | O TUR 5/09 |
|--------------------|------------|---------------|---------------|--------------|--------|----------|------------|
| A/AFG/11/2017 | 0.2 | 0.18 | 0.23 | | | | |
| A/AFG/25/2017 | 0.26 | 0.18 | 0.3 | | | | |
| ASIA 1/AFG/22/2017 | | | | 0.37 | | | |
| O/AFG/23/2017 | | | | | 0.46 | 0.72 | 0.74 |
| O/AFG/34/2017 | | | | | 0.41 | 0.63 | 0.69 |