

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2017/00021

Report Date: 05/12/2017

### 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 100TCID<sub>50</sub>.

### 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/PAK/12/2017	0.54	0.25	0.63				
A/PAK/2/2017	0.37	0.2	0.46				
ASIA 1/PAK/17/2017				0.41			
ASIA 1/PAK/6/2017				0.23			
O/PAK/14/2017					0.62	0.32	0.48
O/PAK/4/2017					0	0.1	0