

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2016/00018

Report Date: 19/08/2016

### 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 Iran 2005	A TUR 20/06	A22 IRQ	Asia1 Shamir	O 3039	O Manisa	O/TUR/5/2009
A/IRN/6/2016	0.55	0.13	0.35				
A/IRN/8/2016	0	0.01	0.13				
ASIA 1/IRN/26/2016				0.19			
O/IRN/25/2016					0.69	0.23	0.74