

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

**Lab Reference WRL Batch Number :** WRLFMD/2015/00037

**Report Date:** 17/06/2016

### 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 IRN/2005	A TUR 20/06	A22 IRQ	Asia1 Shamir	O 3039	O Manisa	O Tur 5/09
A/PAK/31/2015	0.29	0.4	0.17				
A/PAK/53/2015	0.48	0.13	0.31				
ASIA 1/PAK/28/2015				0.18			
ASIA 1/PAK/38/2015				0.1			
O/PAK/22/2015					1.00	0.55	0.72
O/PAK/30/2015					1.00	0.45	0.79
O/PAK/49/2015					0.62	0.37	0.78