

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

**Lab Reference WRL Batch Number :** WRLFMD/2017/00011

**Report Date:** 20/09/2017

### 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:**

<b>Field Isolates:</b>	<b>A Iran 2005</b>	<b>A TUR 20/06</b>	<b>A/MAY/97</b>	<b>A22 IRQ</b>	<b>O 3039</b>	<b>O Manisa</b>	<b>O TUR 5/09</b>
A/TAI/4/2017	0	0	0.42	0.45			
A/TAI/52/2016	0.45	0	0.1	0.47			
A/TAI/57/2016	0	0	0.2	0.26			
O/TAI/1/2017					0.26	0.29	0.47
O/TAI/40/2016					0.28	0.14	0.43