

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2018/00023

Report Date: 12/11/2018

### 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 Eri 98	A Iran 2005	A TUR 20/06	A22 IRQ	O 3039	O Manisa	O TUR 5/09	SAT 2 ERI	SAT 2 ZIM	SAT1/RHO
A/KEN/14/2017	0.2	0.05	0	0.21						
A/KEN/17/2017	0.1	0.03	0	0.3						
O/KEN/11/2017					1	1	0.81			
O/KEN/15/2017					0.5	0.52	0.47			
SAT 1/KEN/8/2017										0.25
SAT 2/KEN/19/2017							0.5		0.31	