

# FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number: WRLFMD/2017/00006

Report Date: 11/05/2017

## 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

$r_1$  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.

NR = no neutralisation for the field virus was observed at a virus dose of a 100TCID<sub>50</sub>.

Ref. Virus Ref. Sera	O Campos Brazil, BVS 5+15				A24 Cruzeiro Brazil, BVS 5+15			
	Duplicate 1		Duplicate 1		Duplicate 1		Duplicate 2	
	log <sub>10</sub>	r <sub>1</sub>	log <sub>10</sub>	r <sub>1</sub>	2 log	r <sub>1</sub>	log <sub>10</sub>	r <sub>1</sub>
Virus ID O Campos (Brazil) VV	2.28		2.12					
A24 Cruzeiro (Brazil) VV					2.57		2.47	
O SKR/1/2017	2.05	0.59	2.09	0.93				
O SKR/2/2017	2.03	0.56	2.02	0.79				
A SKR/3/2017					1.42	0.07	1.16	0.05