

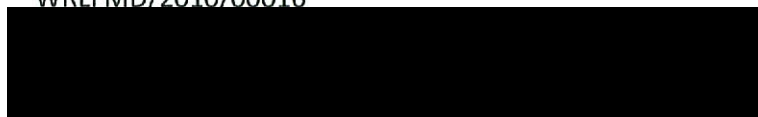


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00016

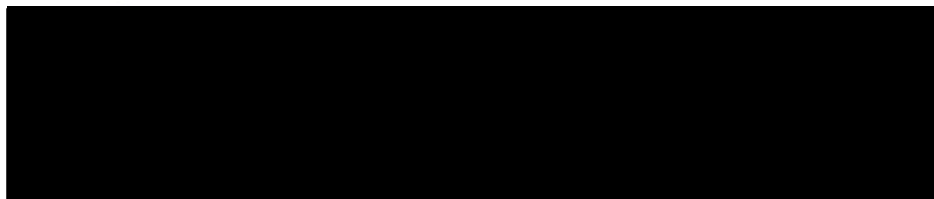
Sender Details:



Date Received: 28th April 2010
Country of Origin: UAE
Date Reported: 27th August 2010

Results Approved By:

Official Stamp:



Date:



To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0) 1483 232621 or email: elizabeth.wilson@bbsrc.ac.uk)

Report no:	VNT						LPBE						
Vaccine:		○	○	○ Ind	○	○		○ BFS	○ Hkn	○ Ind	○ Isr	○ Tai	○
Field Isolate:	VNT	Bfs	Campos	R2/75	Manisa	Taw98	ELISA	1860	6/83	53/79	2/88	189/87	Manisa
○ UAE 2/10	Mean	0.31	0.72	0.90	0.39	0.38	Mean	0.36	0.50	1.00	DNT	≥1	0.50
○ UAE 4/10	Mean	0.23	0.72	>1.0	0.32	0.38	Mean	0.22	0.50	0.84	DNT	1.00	0.50

Interpretation of Results

In the case of Virus Neutralisation Test (VNT):

$r_1 = \geq 0.3$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

ND = Not done.

In the case of Liquid Phase Blocking Elisa (LPBE):

$r_1 = 0.4-1.0$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = 0.2-0.39$, Suggests that the field isolate is antigenically related to the vaccine strain. The vaccine strain might be suitable for use if no closer match can be found provided that a potent vaccine is used and animals are preferably immunised more than once.

$r_1 = < 0.2$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

DNT = Did not trap.

ND = Not done.