

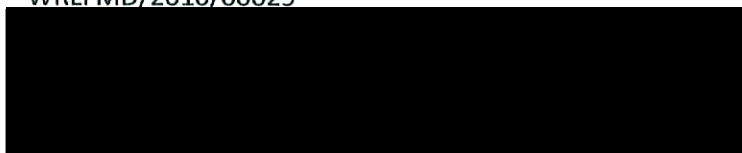


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## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00029

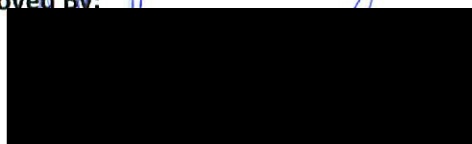
Sender Details:



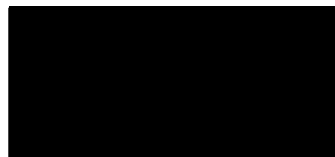
Date Received: 31<sup>st</sup> August 2010  
Country of Origin: Pakistan  
Date Reported: 3<sup>rd</sup> December 2010

Report no:	VNT							LPBE		
Vaccine:		○	○	○ Ind	○	○	○		○	○
Field Isolate:	VNT	4625	Bfs	R2/75	Manisa	Taw98	TNN 24/84	LPBE	4625	Manisa
○ Pak 25/2010	Mean	0.78	0.50	>1.0	0.42	0.73	>1.0	Mean	DNT	0.10
○ Pak 42/2010	Mean	0.83	0.48	>1.0	0.36	0.76	>1.0	Mean	DNT	0.00

Results Approved By:



Official Stamp:



Date:

3/12/10

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](mailto:elizabeth.wilson@bbsrc.ac.uk))

## 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.