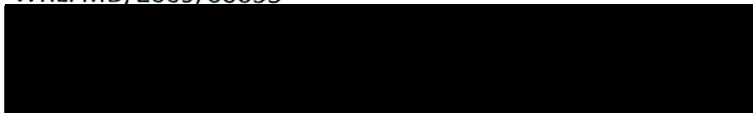




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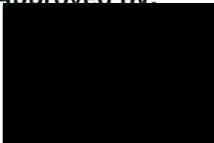
## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00055  
Sender Details: 

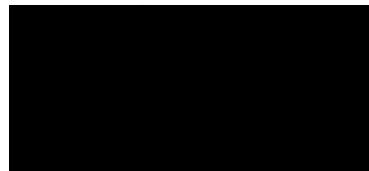
Date Received: 7<sup>th</sup> December 2009  
Country of Origin: Bhutan  
Date Reported: 5<sup>th</sup> March 2010

Report no:	2dmVNT				LPBE				
Vaccine:			O Ind R2/75	O Manisa		O 4174	O BFS 1860	O Tai 189/87	O Manisa
Field Isolate:	2dmVNT	O Bfs	O Ind R2/75	O Manisa	LPBE	4174	BFS 1860	Tai 189/87	Manisa
O Bhu 6/2009	Mean	0.47	>0.98	0.44	Mean	0.11	0.50	>1	>1

Results Approved By:



Official Stamp:



Date:

5/3/2010

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.