WRLFMD

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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00003
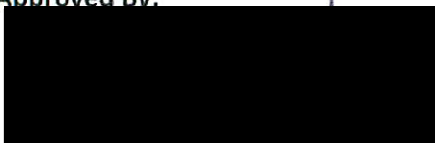**Sender Details:**

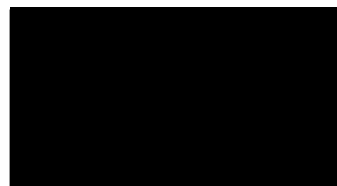**Date Received:**   4th February 2010
Country of Origin: Turkey
Date Reported: 29th March 2010

Report no:	2dmVNT				LPBE				
Vaccine: Field Isolate:	2dm VNT	O Bfs	O Ind R2/75	O Manisa	LPBE	O 4174	O BFS 1860	O Tunisia 89	O Manisa
O Tur 15/2009	Mean	0.20	0.50	0.19	Mean	DNT	DNT	DNT	0.50
O Tur 17/2009	Mean	0.25	0.54	0.20	Mean	DNT	DNT	DNT	0.17
O Tur 1/2010	Mean	0.49	0.72	0.26	Mean	DNT	0.38	>1	0.59
O Tur 5/2010	Mean	0.10	0.76	0.20	Mean	DNT	0.38	>1	0.50

Results Approved By:

Official Stamp:

Date: 29/3/10

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)

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.