



INSTITUTE FOR ANIMAL HEALTH

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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00031

Sender Details:

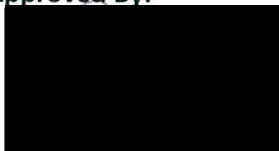
Date Received: 2nd September 2010

Country of Origin: Turkey

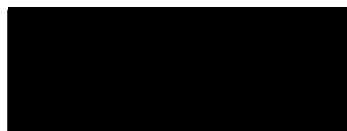
Date Reported: 4th January 2011

Report no:	VNT						LPBE			
Vaccine:		○	○	○ Ind	○	○		○	○	○
Field Isolate:	VNT	4625	Bfs	R2/75	Manisa	TNN 24/84	LPBE	BFS 1860	4625	Manisa
○ Tur 18/2010	Mean	0.76	0.31	>1.0	0.24	0.84	Mean	0.32	DNT	0.14
○ Tur 39/2010	Mean	0.92	0.28	>1.0	0.38	>1.0	Mean	0.32	DNT	0.19

Results Approved By:



Official Stamp:



Date:

6/1/11

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.