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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00052

Sender Details:

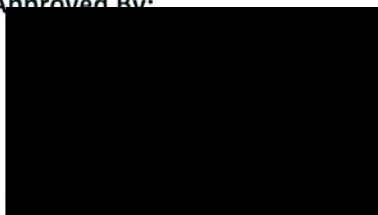
Date Received: 19th November 2009

Country of Origin: Myanmar

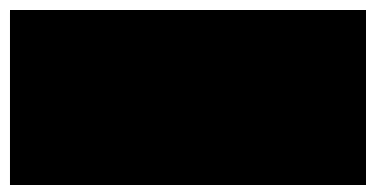
Date Reported: 21st January 2010

Report no:	VNT				LPBE			
	VNT	○ Manisa	○ Bfs	○ Ind R2/75	LPBE	○ Manisa	○ BFS 1860	○ Tai 189/87
Vaccine:								
Field Isolate:								
○ Mya 5/2009	Mean	0.12	0.24	0.64	Mean	>1	DNT	DNT
○ Mya 6/2009	Mean	0.32	0.52	>1.0	Mean	>1	DNT	0.33

Results Approved By:



Official Stamp:



Date:

22/1/10

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.