

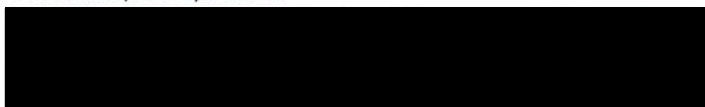


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## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00025

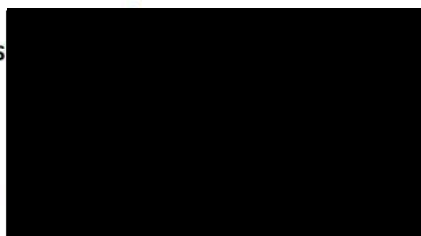
Sender Details:



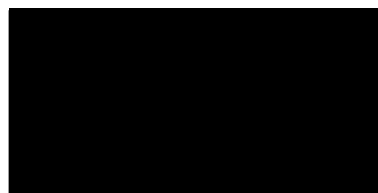
Date Received: 1<sup>st</sup> May 2009  
Country of Origin: Thailand  
Date Reported: 14<sup>th</sup> January 2010

Report no:	VNT				LPBE					
Vaccine:		○ Manisa	○ Bfs	○ Ind R2/75		○ 4174	○ BFS 1860	○ Hkn 6/83	○ Taw 189/87	○ Manisa
Field Isolate:	VNT				LPBE					
○ Tai 7/2008	Mean	0.06	0.09	0.13	Mean	0.25	DNT	DNT	DNT	>1
○ Tai 1/2009	Mean	0.24	0.34	0.67	Mean	0.59	0.25	DNT	0.42	>1
○ Tai 2/2009	Mean	0.28	0.43	0.79	Mean	0.53	0.22	1.00	0.84	>1
○ Tai 4/2009	Mean	0.45	0.65	>0.83	Mean	0.59	0.17	≥0.75	0.84	>1

Results



Official Stamp:



Date:

14/1/10

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](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.