

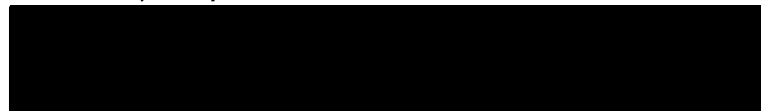


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## **FMD Vaccine Matching Strain Differentiation Report**

**Lab Reference WRL Batch Number:** WRLFMD/2009/00035

**Sender Details:**

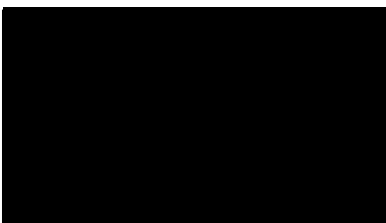


**Date Received:** 22<sup>nd</sup> June 2009

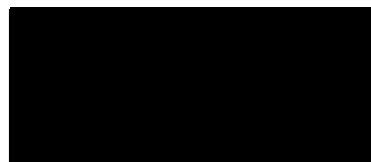
**Country of Origin:** Taiwan

**Date Reported:** 29<sup>th</sup> September 2009

**Results Approved By:**



**Official Stamp:**



**Date:** 05/10/09



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.byrom@bbsrc.ac.uk](mailto:elizabeth.byrom@bbsrc.ac.uk))

Report no:	VNT				LPBE					
Field Isolate:	VNT	O Manisa	O Bfs	O Ind R2/75	ELISA	O 4174	O BFS 1860	K77/78	O 4625	O Manisa
O Taw 1/2009	mean	>0.76	0.25	0.66	mean	0.13				0.59

### 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

#### 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.