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## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00032

Sender Details:

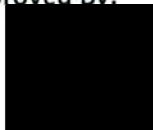
Date Received: 2<sup>nd</sup> July 2009

Country of Origin: Palestinian Autonomous Territories

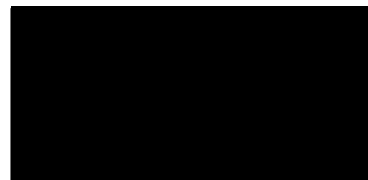
Date Reported: 4<sup>th</sup> January 2010

Report no:	VNT				LPBE					
Vaccine:	VNT	O Manisa	O Bfs	O Ind R2/75	ELISA	O 417 4	O BFS 1860	O K77/7 8	O 4625	O Manisa
Field Isolate:										
O PAT 1/2007	Mean	0.29	0.44	>1.0	Mean	0.50	0.38	≥0.88	0.11	>1
O PAT 24/2007	Mean	0.30	0.45	>1.0	Mean	0.59	0.84	≥1	0.63	>1

Results Approved By:



Official Stamp:



Date: 8/1/2010

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.