

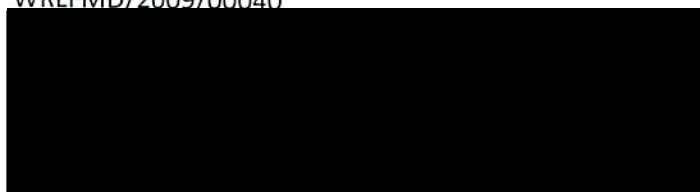


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FMD Vaccine Matching Strain Differentiation Report

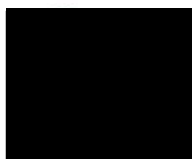
Lab Reference WRL Batch Number: WRLFMD/2009/00040

Sender Details:

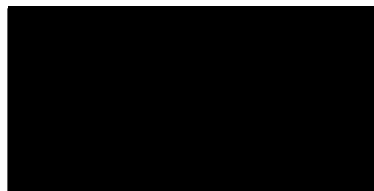


Date Received: 19th August 2009
Country of Origin: Saudi Arabia
Date Reported: 21st September 2009

Results Approved By:



Official Stamp:



Date: 22/9/2009



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)

Report no:	VNT				LPBE						
	Field Isolate:	VNT	O Manisa	O Bfs	O Ind R2/75	ELISA	O 4174	O BFS 1860	O K77/78	O Hkn 6/83	O 4625
O Sau 1/2009	mean	0.74	0.72	0.46	mean	0.15	0.20	>0.63	0.75	0.38	1.00
O Sau 2/2009	mean	0.72	0.66	0.35	mean	0.13	0.22		0.75	0.20	0.63

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