

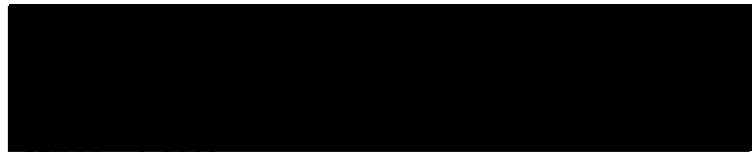


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00014

Sender Details:

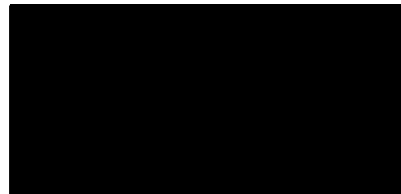


Date Received: 27th March 2009
Country of Origin: Pakistan
Date Reported: 21st September 2009

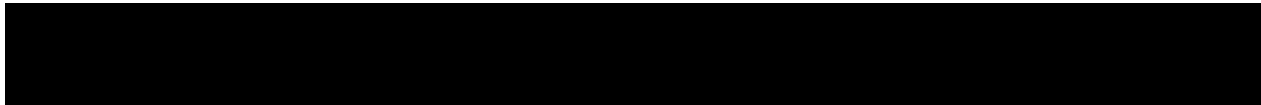
Results Approved By:



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						
	VNT	O Manisa	O Bfs	O Ind R2/75	LPBE	O 4174	O BFS 1860	O Hkn 6/83	O K77/78	O 4625	O Manisa
O Pak 14/2008	mean	0.69	0.21	0.79	mean	0.15	0.13	0.50	0.15	0.44	0.50

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.