

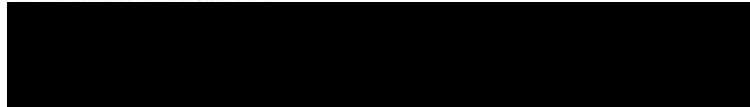


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00042

Sender Details:



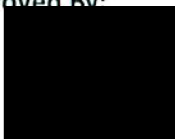
Date Received: 3rd September 2009

Country of Origin: Yeman

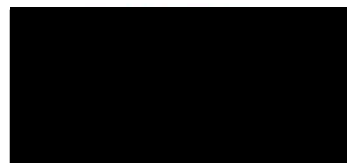
Date Reported: 4th January 2010

Report no:	VNT				LPBE							
	VNT	O Manisa	O Bfs	O Ind R2/75	ELISA	O 4174	O BFS 1860	O Ind 53/79	O Hkn 6/83	O 4625	O Tai 189/87	O Manisa
Vaccine:												
Field Isolate:												
O Yem 58/2009	Mean	0.13	0.41	0.62	Mean	0.75	0.38	DNT	DNT	0.59	DNT	>1
O Yem 64/2009	Mean	0.12	0.41	>0.81	Mean	0.59	0.25	>1	0.59	DNT	0.75	>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)

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.