

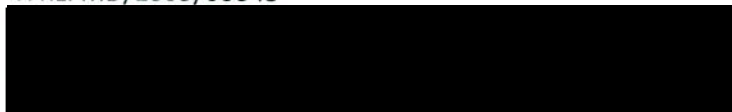


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00043

Sender Details:



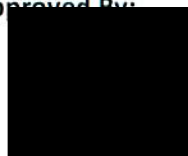
Date Received: 3rd September 2009

Country of Origin: Ethiopia

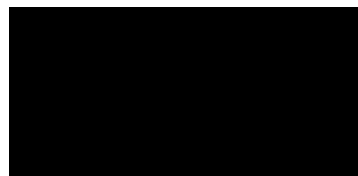
Date Reported: 4th January 2010

Report no:	VNT				LPBE					
Vaccine:		○	○	○ Ind		○	○ BFS		○	○
Field Isolate:	VNT	Manisa	Bfs	R2/75	ELISA	4174	1860	K77/78	4625	Manisa
○ Eth 39/2009	Mean	0.16	0.51	0.86	Mean	0.38	0.38	DNT	DNT	>1
○ Eth 49/2009	Mean	0.34	0.56	>1.0	Mean	0.59	0.88	1.00	≥0.84	>1

Results Approved By:

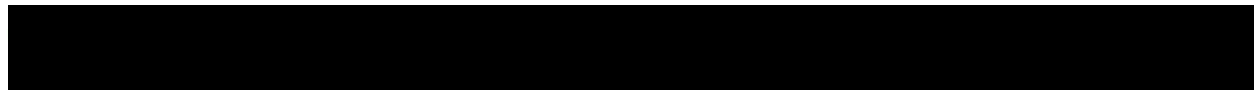


Official Stamp:



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.