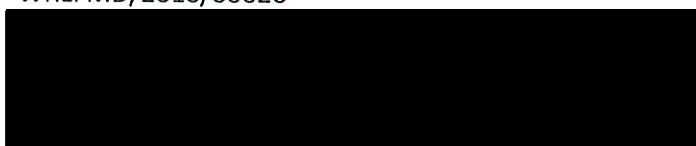# WRLFMD

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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00026
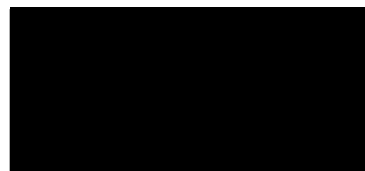
Sender Details:

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Date Received: 10th June 2010

Country of Origin: Kenya

Date Reported: 12th November 2010

Report no:	VNT				LPBE			
Vaccine:		O	O Ind	O		O BFS	O	O
Field Isolate:	VNT	Bfs	R2/75	Manisa	LPBE	1860	K77/78	Manisa
O Ken 125/2009	Mean	0.20	0.86	0.28	Mean	DNT	DNT	DNT
O Ken 100/2010	Mean	0.14	0.36	0.20	Mean	DNT	DNT	DNT

Results Approved By: ▉▉▉▉▉▉▉▉▉▉▉▉   **Official Stamp:**

▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉▉

Date: 12 | 11 | 10

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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.