

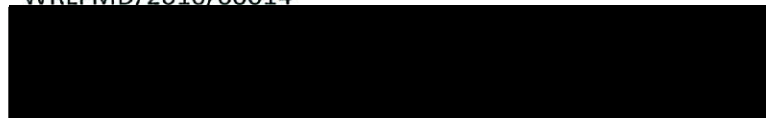


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00014

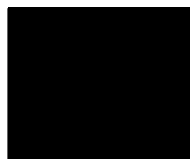
Sender Details:



Date Received: 10th May 2010
Country of Origin: Tanzania
Date Reported: 29th July 2010

Report no:	VNT						LPBE			
Vaccine:		A	A Ind	A22	A	A		A22 Irq	A	A Ken
Field Isolate:	VNT	Eritrea	17/82	Irq	Sau41/91	Tur06	ELISA	24/64	Eritrea	35/80
A Tan 11/09	mean	0.37	0.20	0.14	0.19	0.10	mean	DNT	0.13	0.10
A Tan 42/09	mean	0.52	0.06	0.33	0.38	0.32	mean	0.25	DNT	DNT

Results Approved By:



Official Stamp:



Date: 29/07/2010

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.