

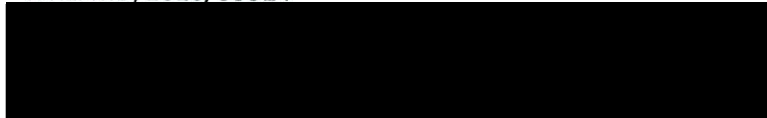


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00014

Sender Details:



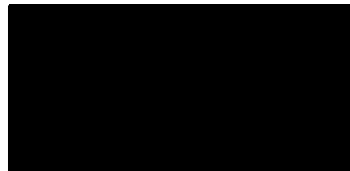
Date Received: 10th March 2010
Country of Origin: Tanzania
Date Reported: 9th November 2010

Report no:	VNT			ELISA						
Vaccine:		Sat2	Sat2		Sat2	Sat2	Sat2		Sat2	Sat2
Field Isolate:	VNT	Eri	Zim	ELISA	Bot	Eri	Zim	K65/82	Zam	Zim
Sat2 Tan 43/2009	Mean	0.38	0.19	Mean	3/77	DNT	11/89	0.33	3/81	7/83
					DNT	DNT	DNT		DNT	DNT

Results Approved By:



Official Stamp:



Date:

11/11/10



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.