

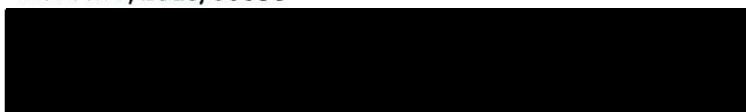


INSTITUTE FOR ANIMAL HEALTH
Director: Professor Martin W. Shirley, PhD
PIRBRIGHT LABORATORY
Ash Road,
Pirbright,
Surrey,
GU24 0NF
Intn Tel: 00 44 1483 232441
Tel: 01483 232441 Fax: 01483 232621

FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00036

Sender Details:



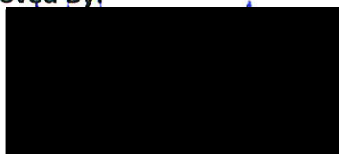
Date Received: 9th November 2010

Country of Origin: Botswana

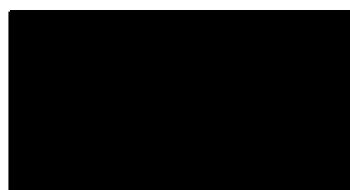
Date Reported: 17th January 2011

Report no:	VNT			LPBE					
Vaccine:		Sat2	Sat2		Sat2	Sat2	Sat2	Sat2	Sat2
Field Isolate:	VNT	Eri	Zim	LPBE	Bot 3/77	Eri	K65/85	Zam 3/81	Zim 7/83
Sat2 Bot 1/2010	Mean	0.19	0.25	Mean	0.59	0.09	0.50	0.75	0.24
Sat2 Bot 5/2010	Mean	0.22	0.33	Mean	0.11	0.03	0.38	0.38	0.09

Results Approved By:



Official Stamp:



Date:

17/1/11



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.