

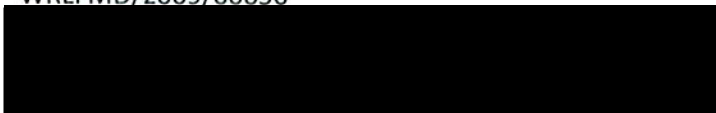


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### FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00056

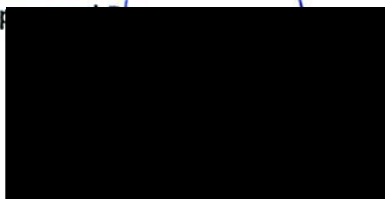
Sender Details:



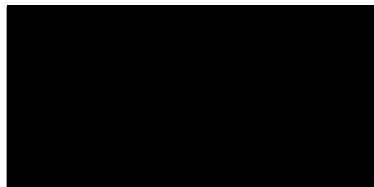
Date Received: 19<sup>th</sup> December 2009  
Country of Origin: Ethiopia  
Date Reported: 18<sup>th</sup> February 2010

Report no:	2dmVNT			LPBE				
Vaccine:		Sat2	Sat2		Sat2	Sat2	Sat2	Sat2
Field Isolate:	2dmVNT	Eri	Zim	ELISA	Bot 3/77	Eri	Zam 3/81	Zim 7/83
Sat2 Eth 51/2009	Mean	0.84	0.39	Mean	0.16	0.50	DNT	DNT
Sat2 Eth 56/2009	Mean	0.59	0.33	Mean	0.08	0.50	<16	0.19

Results Approved:

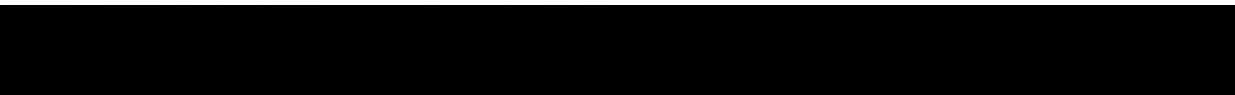


Official Stamp:



Date:

19/2/10



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](mailto: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.