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## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00001

Sender Details:



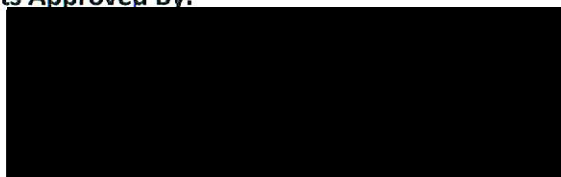
Date Received: 18<sup>th</sup> January 2010

Country of Origin: Senegal

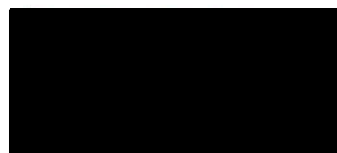
Date Reported: 26<sup>th</sup> April 2010

Report no:	VNT			LPBE					
Vaccine:	VNT	Sat2 Eri	Sat2 Zim	ELISA	Sat2 Bot 3/77	Sat2 Eri	Sat2 Zim 11/89	Sat2 Zam 3/81	Sat2 Zim 7/83
Field Isolate:									
Sat2 Sen 27/2009	Mean	0.59	0.76	Mean	0.06	0.36	0.17	0.12	0.16

Results Approved By:



Official Stamp:



Date:

26/4/10

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.