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## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL batch Number: WRLFMD/2015/00027

Sender Details: B Bhebhe, Central Veterinary Laboratory, 18 Bevan Building Harare Zimbabwe, PHONE - + 263 705885, EMAIL - bbhebhe2003@yahoo.com

Date Received: 03/09/2015

Country of Origin: ZIMBABWE

Dear B Bhebhe,

This testing has now been completed in respect of the samples you submitted and the details are as attached.

Results Approved By:

Date: 17/3/2016

Official Stamp:

DR DONALD KING  
HEAD: Vesicular Disease  
Reference Laboratories  
The Pirbright Institute  
GU24 0NF

c.c.: K Bankowska, A Bin-tarif, D King, N Knowles, A Ludi, N Lyons, S Metwally, V Mioulet, S Parida, J Pinto, E Raizman, B Statham, K Sumption, J Wadsworth, B Wood, FAO Circulation, OIE Animal Health Information, Regional OIE Delegate.

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by email (reflabsfeedback@pirbright.ac.uk).

## FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2015/00027

Report Date: 17/03/2016

### Interpretation Of Results

$r_1$  greater than or equal to 0.3 – suggest that there is a close antigenic relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1$  less than or equal to 0.3 – suggest that the field isolate is antigenically different from the vaccine strain and that the vaccine is unlikely to protect.

0 = no neutralisation for the field virus was observed at a virus dose of a 100TCID<sub>50</sub>.

### 2dmVNT $r_1$ RESULTS

#### Vaccines:

Field Isolates:	SAT 2 ERI	SAT 2 ZIM	SAT1/RHO
SAT 1/ZIM/10/2015			0.3
SAT 1/ZIM/14/2015			0.24
SAT 2/ZIM/13/2015	0.56	0.54	
SAT 2/ZIM/20/2015	0.26	0.31	
SAT 2/ZIM/5/2015	0.32	0.2	

**From:** [abid bin-tarif](#)  
**To:** [reference laboratories reporting: anna ludi](#)  
**Cc:** [donald king](#)  
**Subject:** SD33/15,08/16 Report, SAT2 ZIM 01,05,13,20/15 - WRL/FMD/2015/00022 & 00027  
**Date:** 09 March 2016 14:32:01  
**Attachments:** [SD 33-15, SD08-16 SAT2 Report SAT2 ZIM 01.05.13.20-15-R1 values lab report.xlsx](#)

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Dear All

Please find attached the final report of:

- SD33/15 Report SAT2 ZIM 01/15 - WRL/FMD/2015/00022
- SD08/16 Report SAT2 ZIM 05,13,20/15 - WRL/FMD/2015/ 00027.

This complete submission of WRL/FMD/2015/00022 & 00027.

\*Final results ready on STARS.

Regards

Abid

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“100 years of excellence in the control of livestock diseases”

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Director: Professor John Fazakerley BSc, MBA, PhD, FSB, FRCPath.

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