



# Institute for Animal Health

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## FAX TRANSMISSION

Please reply to Fax No: +44 (0) 1483 232621

**TO:** [REDACTED] **FROM:** [REDACTED]  
**DATE:** 01.9.2008 **FAX NO:** [REDACTED]  
**CC:** [REDACTED] **FAX NO:** [REDACTED]  
**PAGES:** 2 **RE:** Strain differentiation results

Dear [REDACTED]

Strain differentiation results for serotype SAT2 FMD virus isolates received from Botswana.

The following  $r_1$  values were recently obtained by VNT at the WRL.

<b><math>r_1</math> Values by VNT</b>		
	<b>Sat2 Eritrea</b>	<b>Sat2 Zimbabwe 7/83</b>
SAT2 Bot 12/08	<b>0.33</b>	<b>0.29</b>

Yours sincerely

[REDACTED]

**Head: Epidemiology Division**

Cc: [REDACTED]

In the case of neutralisation:

$r_1 = \geq 0.3$ . 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.

