



# Institute for Animal Health

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**From:** [REDACTED]  
**Date:** 2.10.2008  
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# FAX

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Thank you.

Dear [REDACTED]

Strain differentiation result for serotype SAT1 FMD virus isolate 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>Sat 1 Rho 12/78</b>	
Sat1 BOT 20/06	0.37
Sat1 BOT 22/06	0.43

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Yours sincerely

[REDACTED]

**Head: World Reference Laboratory for FMD**

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.