



# Institute for Animal Health

Registered Office: Compton, Newbury, Berks RG20 7NN  
Tel: +44 (0)1635-578411 Fax: +44 (0)1635-577237  
E-mail: [iah@bbsrc.ac.uk](mailto:iah@bbsrc.ac.uk) Website: <http://www.iah.bbsrc.ac.uk>

Director: Professor Martin W Shirley, PhD

Reply to Pirbright Laboratory  
Direct Dial: 01483 231014  
E-mail: [chris.chisholm@bbsrc.ac.uk](mailto:chris.chisholm@bbsrc.ac.uk)

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Dear 

Strain differentiation results for SAT2 FMD virus isolate received from Nigeria on 20th May 2008.

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

	<b><math>r_1</math> Values by VNT</b>
<b>WRL Ref Number</b>	<b>SAT2 ZIM 7/83</b>
SAT2 NIG 2/07	0.24
SAT2 NIG 7/07	0.13

Yours sincerely



Head: World Reference Laboratory for FMD

Cc: 

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.