



Institute for Animal Health

PIRBRIGHT LABORATORY, Ash Road, Pirbright, Surrey GU24 0NF

Tel: +44 (0)1483 232441 Fax: +44 (0) 1483 232448

E-mail: animal.health@bbsrc.ac.uk

Website: <http://www.iah.bbsrc.ac.uk>

Acting Head of Site: Dr John Anderson MBE

FAX TRANSMISSION

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

TO: [REDACTED]

FROM: [REDACTED]

DATE: 15.8.2008

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.

r_1 Values by VNT	
	SAT2 Eritrea
SAT2 Bot 11/08	0.16

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.

