



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]
WRL for FMD

DATE: 4.3.2008 **FAX NO:** [REDACTED]

PAGES: 2 **RE:** Strain differentiation results

Dear [REDACTED]

Strain differentiation results for serotype A FMD virus isolate received from Ethiopia

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

r_1 Values by VNT		
	A22 Irq	A Eri
A Eth 4/2007	0.16	0.10

Yours sincerely

[REDACTED]
Head: World Reference Laboratory for FMD

c.c. [REDACTED]

Interpretation of r_1 values

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.