



Institute for Animal Health

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FAX TRANSMISSION

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

TO: [REDACTED] **FROM:** [REDACTED]
DATE: 19.7.2007 **FAX NO:** [REDACTED]
PAGES: 2 **RE:** Strain differentiation results

Dear [REDACTED]

Strain differentiation results for serotype O FMD virus isolates received from Ethiopia

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

r_1 Values by VNT		
	O Manisa	
O Eth 2/2006	0.74	
O Eth 21/2006	0.42	
O Eth 27/2006	0.36	
O Eth 43/2006	0.64	

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.