



Institute for Animal Health

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FAX TRANSMISSION

Please reply to Fax No: +44 (10) 483)232621

TO:

[REDACTED]

FROM:

[REDACTED]

DATE:

31.8.2007

FAX NO:

[REDACTED]

PAGES:

RE:

Test Results

Dear [REDACTED]

Strain differentiation results for serotype O FMD virus isolates received from Pakistan.

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

Yours sincerely

[REDACTED]
Head: World Reference Laboratory for FMD

Cc: [REDACTED]

	r₁ Values by neutralisation test against vaccine strains below	
WRL Ref Number	O Manisa	
O PAK 7/2007	0.55	
O PAK 20/2007	0.45	
O PAK 48/2007	0.48	
O PAK 50/2007	0.53	

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.