



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 (10) 483)232621

TO:

[REDACTED]

FROM:

[REDACTED]

DATE:

7.9.2007

FAX NO:

[REDACTED]

PAGES:

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RE:

Test Results

Dear [REDACTED]

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

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

Please pass on a copy of these results to the competent national authority in Afghanistan.

Yours sincerely

[REDACTED]
Head: World Reference Laboratory for FMD

Cc:

[REDACTED]

| r₁ Values by VNT | | |
|------------------------------------|-----------------|--|
| | O Manisa | |
| AFG 7/2007 | 0.58 | |
| O AFG 34/2007 | 0.57 | |
| O AFG 36/2007 | 0.55 | |
| O AFG 37/2007 | 0.50 | |
| O AFG 39/2007 | 0.48 | |
| O AFG 42/2007 | 0.79 | |
| O AFG 43/2007 | 0.56 | |
| O AFG 45/2007 | 0.61 | |

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.