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FAX TRANSMISSION

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TO: [REDACTED] **FROM:** [REDACTED]
IAH Pirbright

DATE: 9.3.2007 **FAX NO:** [REDACTED]

PAGES: 2 **RE:** Strain differential results

Dear [REDACTED]

Virus isolates: O TUR 1/2005, O TUR 4/2005, O TUR 5/2005

Strain differential results for type O FMD virus isolates received on 16th February 2006.

The following r_1 values were recently obtained by virus neutralization and ELISA tests at the FAO World Reference Laboratory for FMD and are mainly of historic interest only.

| r_1 Values by neutralisation test against vaccine strains below | | | | | |
|---|-----------------|--|--|--|--|
| WRL Ref Number | O Manisa | | | | |
| O TUR 1/05 | 0.82 | | | | |
| O TUR 4/05 | >0.95 | | | | |
| O TUR 5/05 | >1.0 | | | | |

Yours sincerely

[REDACTED]
Head: World Reference Laboratory for FMD

Cc [REDACTED]

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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.