



# INSTITUTE FOR ANIMAL HEALTH

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## FAX TRANSMISSION

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**TO:** [REDACTED]                      **FROM:** [REDACTED]

**DATE:** 22.12.2006                      **FAX NO:** [REDACTED]

**PAGES:** 2                                      **RE:** Strain Differentiation  
Report

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 Lausanne
O ETH 58/05	0.42	0.32

### 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.

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Yours sincerely

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**Head: World Reference Laboratory for FMD**

c.c.

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