



# Institute for Animal Health

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Director: Professor Martin Shirley PhD

27<sup>th</sup> June 2007

[Redacted]

Dear [Redacted]

## Strain differentiation results

Strain differentiation results for serotype O FMD virus isolates received from Saudi Arabia on 31<sup>st</sup> May 2007

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

Ref. No	O Manisa				
O SAU 5/07	>0.94				

## 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.

Yours sincerely

[Redacted]  
**Head: World Reference Laboratory for FMD**

c.c. [Redacted]

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The Institute is sponsored by the Biotechnology and Biological Sciences Research Council. An Associated Institute of the University of Reading

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