

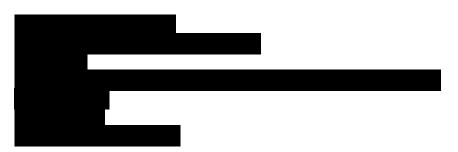
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Director: Professor Martin Shirley PhD

27th June 2007



Dear

Strain differentiation results

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

The following r₁ values were recently obtained by VNT at the WRL.

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

Interpretation of r₁ values

In the case of neutralisation:

- $r_1 = \ge 0.3$. 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

Head: World Reference Laboratory for FMD

c.c.

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