

## **INSTITUTE FOR ANIMAL HEALTH**

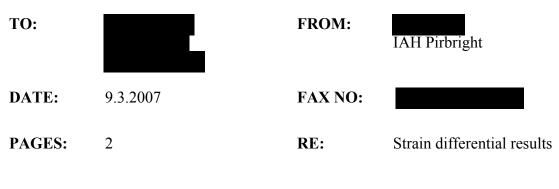
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## FAX TRANSMISSION

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Dear

## 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 16<sup>th</sup> February 2006.

The following r<sub>1</sub> 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 <sub>1</sub> 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

Head: World Reference Laboratory for FMD

Cc

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## Interpretation of r<sub>1</sub> 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.