

## Institute for Animal Health

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Director: Professor Martin Shirley PhD

## **FAX TRANSMISSION**

Please reply to Fax No: +44 (0) 1483 232621

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TO:		FROM:			
DATE:	25.6.2007	FAX NO:			
PAGES:	2	RE:	Strain differentiation results		
Dear					
Strain differentiation results for Iran type O FMD virus isolates received in batches of samples on 15 <sup>th</sup> December 2006.					
The following r <sub>1</sub> values were obtained by VNT at the FAO World Reference Laboratory for FMD.					
Yours sincerely					
Dr D Paton Head: World	Reference Laboratory for FMD				
Cc					

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## Iran type O FMD virus isolates received in batches of samples on 2006

	r <sub>1</sub> Values by VNT		
WRL Ref Number	O Manisa		
O IRN 34/06	0.64		
O IRN 47/06	>0.69		
O IRN 52/06	0.64		

## 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.