

Institute for Animal Health

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FAX TRANSMISSION

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

TO:		FROM:	
DATE:	23.10.2007	FAX NO:	
PAGES:	2	RE:	Strain differentiation results

Dear

Strain differentiation results for Iran type A FMD virus isolates received in batches of samples on 15th December 2006.

The following r_1 values were obtained by VNT testing at the FAO World Reference Laboratory for FMD.

Yours sincerely

Head: World Reference Laboratory for FMD

Cc

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	r1 Values by neutralisation test against vaccine strains below		
WRL Ref Number	A22	A Irn 96	
A IRN 54/06	0.49	0.21	
A IRN 57/06	0.20	0.15	

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.