



Institute for Animal Health

PIRBRIGHT LABORATORY, Ash Road, Pirbright, Surrey GU24 0NF
Tel: +44 (0)1483 232441 Fax: +44 (0) 1483 232448
E-mail: animal.health@bbsrc.ac.uk Website: <http://www.iah.bbsrc.ac.uk>

Acting Head of Site: Dr John Anderson MBE

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 

	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:

$r_1 = \geq 0.3$. 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.