



Institute for Animal Health

Registered Office: Compton, Newbury, Berkshire RG20 7NN

Telephone: +44 (0) 1635-578411 *Facsimile:* +44 (0) 1635-577237

e-mail: iah@bbsrc.ac.uk *Website:* <http://www.iah.bbsrc.ac.uk>

Director: Professor Martin Shirley PhD

Reply to Pirbright Laboratory

Fax: 01483 232621

Direct Dial: 01483 231014

E-mail: chris.chisholm@bbsrc.ac.uk

To: [REDACTED]
Fax Number: [REDACTED]
From: [REDACTED]
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FAX

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Thank you.

Dear [REDACTED]

Strain differential results for type A FMD virus isolates received on 25th June 2008 from Turkey.

The following r_1 values were recently obtained by virus neutralization test at the FAO World Reference Laboratory for FMD.

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Pirbright Laboratory
Ash Road, Pirbright, Woking
Surrey GU24 0NF
Tel: 01483-232441
Fax: 01483-232448

Compton Laboratory
Compton, Newbury,
Berkshire RG20 7NN
Tel: 01635-578411
Fax: 01635-577237

	r₁ Values by neutralisation test against vaccine strains below									
WRL Ref Number	A22 Irq	A Eritrea	A Ind 17/82	A Irn 87	A Irn 96	A Irn 99	A Irn 01	A May 97	A Sau 95	A Tur 4/06
A TUR 1/2008	0.18	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
A TUR 6/2008	Not tested	0.12	0.28	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	>0.83
A TUR 7/2008	0.11	0.12	0.23	0.17	0.07	0.14	0.10	0.18	0.10	>0.97
A TUR 8/2008	Not tested	0.19	0.36	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	>1.0
A TUR 11/2008	0.17	0.19	0.25	0.34	0.12	0.16	0.08	0.21	0.14	0.91
A TUR 28/2008	0.19	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
A TUR 32/2008	<0.16	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
A TUR 33/2008	0.19	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested

Interpretation of r₁ values

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.

Yours sincerely


Head: World Reference Laboratory for FMD

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