

INSTITUTE FOR ANIMAL HEALTH

Director: Professor P-P Pastoret, DVM, PhD

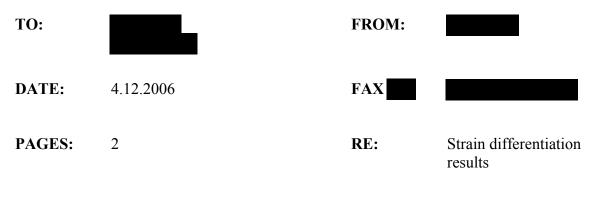
Head of Laboratory: Dr D K J Mackay BVetMed, MSc, PhD MRCVS PIRBRIGHT LABORATORY Ash Road, Pirbright Surrey GU24 0NF

Secretary: A S Grice BA, ACA

Tel: Worplesdon 01483 232441 Fax: 01483 232448 http://www.iah.bbsrc.ac.uk

FAX TRANSMISSION

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



Dear

Strain differentiation results for Iran type A FMD virus isolates received in batches of samples on 22nd May 2006.

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

Yours sincerely

Head: World Reference Laboratory for FMD

Cc

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Compton Laboratory Compton, Nr.Newbury Berkshire RG20 7NN tel: 01635 578411 fax: 01635 577237 Pirbright Laboratory Ash Road, Pirbright Surrey GU24 0NF tel: 01483 232441 fax: 01483 232448 BBSRC/MRC Neuropathogenesis Unit Ogston Building, West Mains Road Edinburgh EH9 3JF tel: 0131 667 5204 fax: 0131 668 3872

Iran type A FMD virus isolates received in batches of samples on 22nd May 2006

	r ₁ Values by ELISA		
WRL Ref Number	A22	A5925	IRN 87
A IRN 5/06	0.50	0.09	0.06
A IRN 7/06	0.50	0.20	0.03

In the case of ELISA:

 $r_1 = 0.4$ -1.0. 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.

 $r_1 = 0.2-0.39$, Suggests that the field isolate is antigenically related to the vaccine strain. The vaccine strain might be suitable for use if no closer match can be found provided that a potent vaccine is used and animals are preferably immunised more than once.

 $r_1 = <0.2$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect