



Institute for Animal Health

Registered Office: Compton, Newbury, Berks RG20 7NN
Tel: +44 (0)1635-578411 Fax: +44 (0)1635-577237
E-mail: iah@bbsrc.ac.uk Website: <http://www.iah.bbsrc.ac.uk>

Director: Professor Martin W Shirley, PhD

Reply to Pirbright Laboratory
Direct Dial: 01483 231014
E-mail: chris.chisholm@bbsrc.ac.uk

7th August 2008



Dear 

Strain differentiation results for FMD virus isolate received from Nigeria on 20th May 2008.

The following r_1 values were recently obtained by VNT at the WRL.

	r_1 Values by VNT
WRL Ref Number	O Manisa
O Nig 1/2007	0.40

Yours sincerely



Head: Epidemiology Division

Cc: 

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.

N.B.

All of our phylogenetic trees can be accessed via the internet at:

http://www.iah.bbsrc.ac.uk/primary_index/current_research/virus/Picornaviridae/Aphthovirus/index.html