

## Institute for Animal Health

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Acting Head of Site: Dr John Anderson MBE

## FAX TRANSMISSION Please reply to Fax No: +44 (10) 483)232621

TO:		FROM:	
DATE:	7.9.2007	FAX NO:	
PAGES:	2	RE:	Test Results

Dear

Strain differentiation results for serotype O FMD virus isolates received from Afghanistan

The following r1 values were recently obtained by VNT at the WRL.

Please pass on a copy of these results to the competent national authority in Afghanistan.

Yours sincerely

## Head: World Reference Laboratory for FMD

Cc:

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r <sub>1</sub> Values by VNT			
	O Manisa		
AFG 7/2007	0.58		
O AFG 34/2007	0.57		
O AFG 36/2007	0.55		
O AFG 37/2007	0.50		
O AFG 39/2007	0.48		
O AFG 42/2007	0.79		
O AFG 43/2007	0.56		
O AFG 45/2007	0.61		

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.