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Dear 

Virus isolates: A PAK/1/2006, A PAK/5/2006

Vaccine matching results for A FMD virus isolates received from Pakistan on 28th April 2006.

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

Yours sincerely



CC: 

**Type A FMD virus isolates received in batches of samples from Pakistan
on 28th April 2006**

	r₁ Values by ELISA					
WRL Ref Number	A 5925	IRN 87	A22	May 97	A 4164	A SAU 95
A PAK 1/06	0.3	0.03	>1	0.425	0.215	>1
A PAK 5/06	0.08	0.215	0.09	0.125	0.135	>1

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