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Dear [REDACTED]

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

Yours sincerely



CC: [REDACTED]

	r_1 Values by neutralisation test against vaccine strains below			
WRL Ref Number	O Manisa			
O PAK 04/2006	<0.13			

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	r₁ Values by LPB ELISA test against vaccine strains below			
WRL Ref Number	O Campos	O Phi 95		
O PAK 04/2006	0.38	1.00		

Interpretation of r₁ values

In the case of ELISA:

r₁ = 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.

r₁ = 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.

r₁ = <0.2. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect

In the case of neutralisation:

r₁ = ≥ 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.

r₁ = < 0.3. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.