INSTITUTE FOR ANIMAL HEALTH

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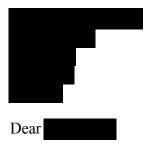
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The following r₁ values were recently obtained by neutralisation and LPB ELISA tests at the FAO World Reference Laboratory for FMD.

Yours sincerely

CC:			

	r ₁ Values by neutralisation test against vaccine strains below			strains below
WRL Ref Number	O Manisa			
O PAK 04/2006	<0.13			

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	r ₁ 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:

 $r_1 = 0.4$ -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

In the case of neutralisation:

 $r_1 = \ge 0.3$. 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.