



Institute for Animal Health

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Dear [REDACTED]

Strain differentiation results for serotype O FMD virus isolate received from Pakistan

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

r_1 Values by VNT			
	O BFS	O Ind R2/75	O Manisa
O Pak 68/2007	0.40	0.66	0.55
O Pak 71/2007	0.18	0.49	0.39

Yours sincerely



Head: World Reference Laboratory for FMD

Cc: [REDACTED]

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.