

Institute for Animal Health

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Strain differentiation results for serotype O FMD virus isolates received from Pakistan on 3rd March 2008..

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

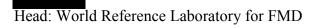
	r ₁ Values by neutralisation test against vaccine strains below		
WRL Ref Number	BFS 1860	O Ind R2/75	O Manisa
O PAK 1/2008	0.73	>1.0	0.67
O PAK 2/2008	0.41	>1.0	0.84

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.

Yours sincerely



Cc:

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