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FAX

To: [redacted]

Fax Number: [redacted]

From: [redacted]

Date: 6th February 2009

Subject: Test results

No. Of Pages: 2

Dear [redacted],

Please find below the "r1" value report for O Bhu 2/2008 and O Bhu 3/2008 virus by both 2dm VNT and LPBE.

r1 Values by 2dmVNT					
Field Isolate:	2dmVNT	BFS 1860	O Ind R2/75	O Kaufbeuren	O Manisa
O Bhu 2/2008	**mean**	0.75	1.0	1.0	0.38
O Bhu 3/2008	**mean**	0.84	1.0	0.81	0.39

r1 Values by LPBE					
Field Isolate:	LPBE	O BFS 1860	O K77/78	O Tunisia 89	O Manisa 5918
O Bhu 2/08	**mean**	0.59	0.55	0.38	>0.58
O Bhu 3/08	**mean**				0.18

Interpretation of r_1 values

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.

N.B.

All of our phylogenetic trees can be accessed via the internet at:

http://www.iah.bbsrc.ac.uk/primary_index/current_research/virus/Picornaviridae/Aphthovirus/index.html

Yours Sincerley,

[redacted]
Head: World Vesicular Reference Laboratory, Institute for Animal Health

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