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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00033

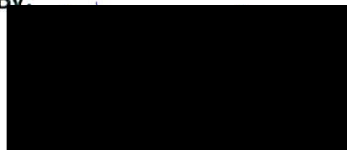
Sender Details:



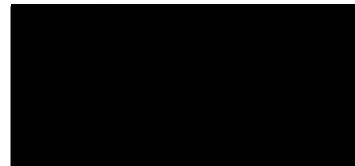
Date Received: 12th October 2010
Country of Origin: Mongolia
Date Reported: 4th January 2011

Report no:	VNT							LPBE			
Vaccine:		O	O	O	O Ind	O	O		O	O Tai	O
Field Isolate:	VNT	3039	4625	Bfs	R2/75	Manisa	Taw98	LPBE	BFS 1860	189/87	Manisa
O Mog 3/2010	Mean	ND	0.33	0.05	0.43	0.10	ND	Mean	0.06	0.88	0.03
O Mog 4/2010	Mean	0.28	0.44	0.04	0.29	0.16	0.22	Mean	0.04	0.25	0.02
O Mog 9/2010	Mean	0.28	0.48	0.06	0.33	0.14	0.20	Mean	0.1	0.07	0.03

Results Approved By:



Official Stamp:



Date:

5/1/11



To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0) 1483 232621 or email: elizabeth.wilson@bbsrc.ac.uk)

Interpretation of Results

In the case of Virus Neutralisation Test (VNT):

$r_1 = \geq 0.3$. 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.

ND = Not done.

In the case of Liquid Phase Blocking Elisa (LPBE):

$r_1 = 0.4-1.0$. 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.

DNT = Did not trap.

ND = Not done.