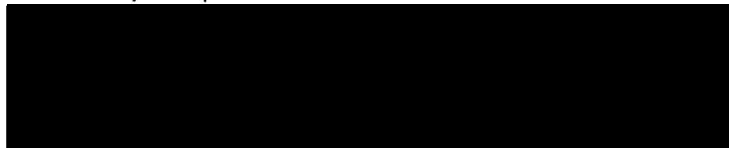




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FMD Vaccine Matching Strain Differentiation Report

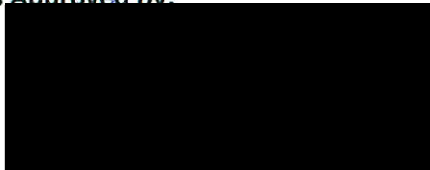
Lab Reference WRL Batch Number: WRLFMD/2010/00019
Sender Details:



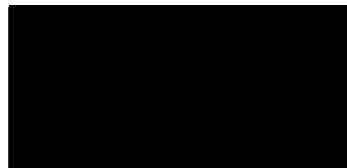
Date Received: 17th May 2010
Country of Origin: Republic of South Korea
Date Reported: 14th June 2010

Report no:	VNT					LPBE				
Vaccine:										
Field Isolate:	VNT	○ Bfs	○ Ind R2/75	○ Manisa	○ Taw98	LPBE	○ Hkn 6/83	○ BFS 1860	○ Tai 189/87	○ Manisa
○ Skr 4/10	Mean	0.36	0.71	0.26	0.48	Mean	0.15	0.06	1.00	0.42

Results Approved By:



Official Stamp:



Date:

14/6/10



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.