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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00009

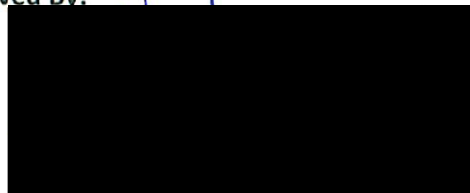
Sender Details:



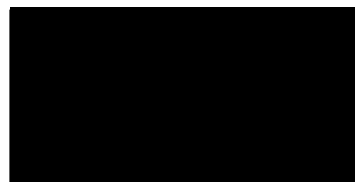
Date Received: 5th March 2010
Country of Origin: Hong Kong
Date Reported: 12th August 2010

Report no:	LPBE				
Vaccine:	LPBE	O Hkn 6/83	O Ind 53/79	O Tai 189/87	O Manisa
Field Isolate:					
O Hkn 1/10	Mean	0.38	0.59	1.00	0.32

Results Approved By:



Official Stamp:



Date:

13/8/10

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 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.