

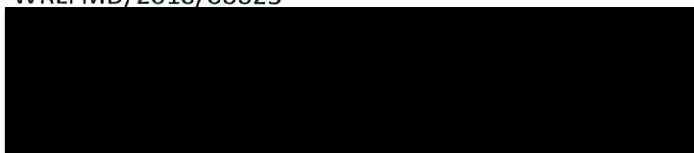


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FMD Vaccine Matching Strain Differentiation Report

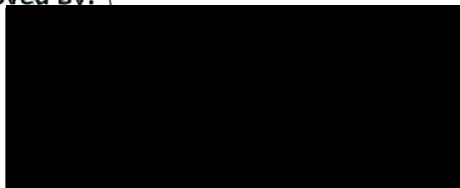
Lab Reference WRL Batch Number: WRLFMD/2010/00025

Sender Details:

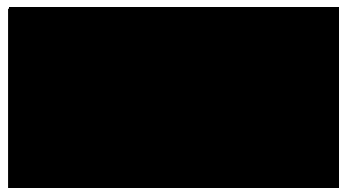


Date Received: 14th June 2010
Country of Origin: Ecuador
Date Reported: 12th August 2010

Results Approved By:



Official Stamp:



Date:

12/8/10



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)

Report no:	VNT						LPBE							
Vaccine:		○ Bfs	○ Campos	○ Ind R2/75	○ Manisa	○ Taw98		○ 4174	○ Hkn 6/83	○ BFS 1860	○ Ind 53/79	○ Isr 2/88	○ Tai 189/87	○ Manisa
Field Isolate:	VNT						ELISA							
○ Ecu 1/10	Mean	0.10	0.23	0.12	0.05	0.02	Mean	DNT	DNT	DNT	DNT	DNT	DNT	0.10
○ Ecu 9/10	Mean	0.06	0.17	0.12	0.06	0.04	Mean	DNT	DNT	DNT	DNT	DNT	DNT	0.07

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.