

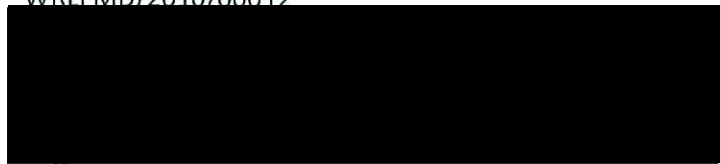


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00012

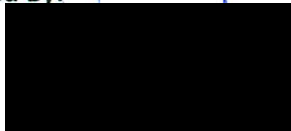
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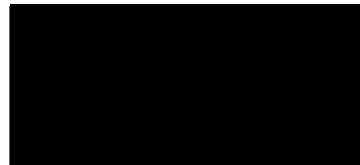
Date Received: 18th March 2010
Country of Origin: Ethiopia
Date Reported: 4th January 2011

Report no:	VNT					LPBE			
Vaccine:		○ Bfs	○ Ind R2/75	○ Manisa	○ Taw98		○ K77/78	○ BFS 1860	○ Manisa
Field Isolate:	VNT					LPBE			
○ Eth 7/2010	Mean	0.14	>1.0	0.41	0.39	Mean	0.47	0.12	0.33
○ Eth 9/2010	Mean	0.09	0.13	0.11	0.05	Mean	0.63	0.18	0.42

Results Approved By:



Official Stamp:



Date:

5/1/11

CC. Dr. N Ferris, Dr. D King, Dr. Y Li, Mr. B. Statham, Ms. J Stoner, G. Hutchings Dr. K Sumption, Dr. Julio Pinto, Nadia Rumich, OIE Animal Health Information, Regional OIE Delegate.

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.