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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00018
Sender Details: 
Date Received: 21st April 2010
Country of Origin: Iran
Date Reported: 29th July 2010

Report no:	VNT						LPBE				
Vaccine:	VNT	A Eritrea	A Ind 17/82	A22 Irq	A Sau 41/91	A Tur06	ELISA	A22 Irq 24/64	A Eritrea	A Irn 87	A Irn 99
Field Isolate:											
A Irn 36/2010	mean	0.17	0.55	0.12	0.13	0.37	mean	0.11	0.13	0.29	0.13

Results Approved By: 

Official Stamp: 

Date: 29/07/2010

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.