

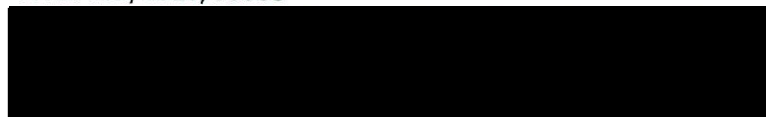


**INSTITUTE FOR ANIMAL HEALTH**  
Director: Professor Martin W. Shirley, PhD  
PIRBRIGHT LABORATORY  
Ash Road,  
Pirbright,  
Surrey,  
GU24 0NF  
Intn Tel: 00 44 1483 232441  
Tel: 01483 232441 Fax: 01483 232621

## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00035

Sender Details:

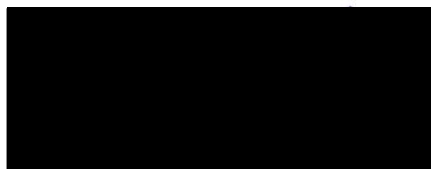


Date Received: 5<sup>th</sup> November 2010  
Country of Origin: Vietnam  
Date Reported: 17<sup>th</sup> January 2011

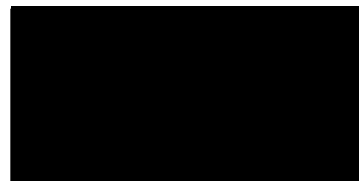
Re.: Serotype A

Report no:	VNT						LPBE			
Vaccine:										
Field Isolate:	VNT	A Ind 17/82	A Irn87	A Iran 2005	A22 Irq	A May97	LPBE	A22 Irq 24/64	A May 97	A Irn 99
A Vit 1/10	mean	0.17	0.10	0.22	0.24	0.33	mean	DNT	0.42	DNT

Results Approved By:



Official Stamp:



Date:

17/1/11



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](mailto: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.