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## FMD Vaccine Matching Strain Differentiation Report

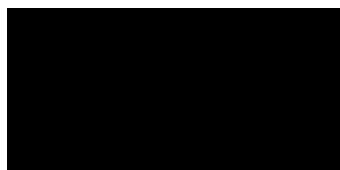
Lab Reference WRL Batch Number: WRLFMD/2010/00032  
Sender Details: [REDACTED]  
Date Received: 29<sup>th</sup> September 2010  
Country of Origin: Iran  
Date Reported: 17<sup>th</sup> January 2011

Report no:	VNT					LPBE		
Vaccine:			A Iran 2005	A22 Irq	A Tur06		A22 Irq 24/64	A Iran 99
Field Isolate:	VNT	A Iran87	A Iran 2005	A22 Irq	A Tur06	LPBE	A22 Irq 24/64	A Iran 99
A Iran 176/10	mean	0.19	0.65	0.42	0.85	mean	0.11	0.14
A Iran 185/10	mean	0.39/0.23	0.67	0.22	0.55	mean	0.04	0.06

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.