



**INSTITUTE FOR ANIMAL HEALTH**  
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## Interim FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2011/00020  
Sender Details: [REDACTED]  
Date Received: [REDACTED]  
Country of Origin: Iran  
Date Reported: 14<sup>th</sup> April 2011

VNT			
Vaccine:	Asia1 Ind 8/79	Asia1 Shamir	Asia1 WBN
Field Isolate:			
Asia1 Irn 33/11	0.05	0.21	0.09
Asia1 Irn 38/11	0.06	0.14	0.06
Asia1 Irn 43/11	0.04	0.17	0.07
Asia1 Irn 46/11	0.06	0.35	0.08

Results Approved By [REDACTED]

Official Stamp: [REDACTED]

Date: 14/4/11

Testing carried out by WRLFMD is UKAS ISO/IEC 17025 accredited. Please see link for scope of accreditation:

[http://www.ukas.org/testing/lab\\_detail.asp?lab\\_id=2811&location\\_id=&vMenuOption=3](http://www.ukas.org/testing/lab_detail.asp?lab_id=2811&location_id=&vMenuOption=3) . 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.