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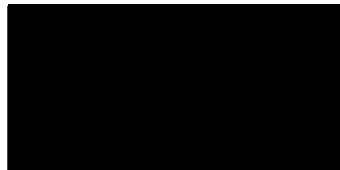
FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2010/00034
Sender Details: [REDACTED]
Date Received: 25th October 2010
Country of Origin: Iran
Date Reported: 17th January 2011

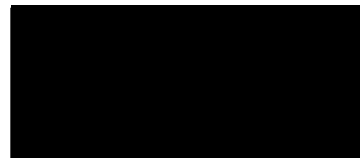
Re.: Serotype A

| Report no: | VNT | | | | | | LPBE | | | |
|----------------|------|----------------|----------------|----------------|------------|----------------|------|---------------------|----------------|-------------|
| Vaccine: | | A Ind 17/82 | A Irn8 7 | A Iran 2005 | A22 Irq | A May9 7 | | A22 Irq 24/64 | A May 97 | A Irn 99 |
| Field Isolate: | VNT | | | | | | LPBE | | | |
| A Irn 195/10 | mean | 0.15 | 0.06 | 0.65 | 0.58 | 0.13 | mean | 0.25 | ND | DNT |
| A Irn 214/10 | mean | 0.10 | 0.06 | 0.14 | 0.19 | 0.10 | mean | 0.50 | ND | 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)

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.