

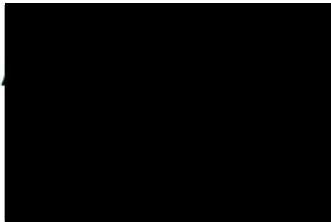


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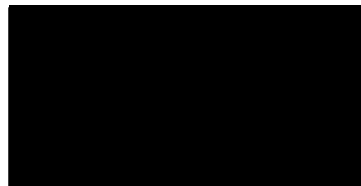
FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00034
Sender Details: [REDACTED]
Date Received: 22nd June 2009
Country of Origin: Iran
Date Reported: 13th November 2009

Results



Official Stamp:



Date:

13/11/09

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)

| Report no: | VNT | | | | | | | | LPBE | | | | | |
|---------------|----------|---------|---------|-------------|-------------|---------|---------|----------|------|---------------|----------|----------|----------|----------|
| | Vaccine: | A22 Irq | A Tur06 | A Sau 41/91 | A Ind 17/82 | A Irn87 | A Irn99 | A May 97 | | A22 Irq 24/64 | A Eri 98 | A Irn 99 | A May 97 | A Irn 87 |
| A Irn 39/2009 | Mean | 0.34 | 0.52 | 0.21 | 0.10 | 0.09 | 0.08 | 0.09 | Mean | 0.50 | DNT | DNT | DNT | 0.19 |
| A Irn 44/2009 | Mean | 0.35 | >0.72 | 0.30 | 0.11 | 0.07 | 0.09 | 0.09 | Mean | 0.25 | DNT | DNT | DNT | 0.09 |

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

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.