

## **INSTITUTE FOR ANIMAL HEALTH**

Director: Professor John Fazakerley BSc, MBA, PhD, FRCPath

PIRBRIGHT LABORATORY

Ash Road, Pirbright, Surrey, GU24 ONF

Intn Tel: 00 44 1483 232441

Tel: 01483 232441 Fax: 01483 232621

## **FMD Vaccine Matching Strain Differentiation Report**

Lab Reference WRL Batch Number:

WRLFMD/2011/00041

Sender Details:

29<sup>th</sup> September 2011

Date Received: Country of Origin:

Turkey

Date Reported:

10<sup>th</sup> November 2011

| Report no:      | VNT      |                  |                  |       |
|-----------------|----------|------------------|------------------|-------|
| Vaccine         | ¬ 2dmVNT | Asia1 Ind 8/79   | Asia1 Shamir     | Asia1 |
| Field Isolate:  | Zumvivi  | Asia i ilia o/15 | Asia i Gilailiii | WBN   |
| Asia1 Tur 49/11 | Mean     | 0.13             | 0.20             | 0.15  |
| Asia1 Tur 51/11 | Mean     | 0.18             | 0.21             | 0.18  |

Results Approved By:

Official Stamp:

Date:

A UKAS accredited testing laboratory No. 4025.

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: <a href="mailto:elizabeth.wilson@bbsrc.ac.uk">elizabeth.wilson@bbsrc.ac.uk</a>). IAH actively seeks and appreciates feedback, if you would like to offer feedback please complete the WRLFMD survey here: <a href="http://www.surveymonkey.com/s/WRLFMD">http://www.surveymonkey.com/s/WRLFMD</a>

## **Interpretation of Results**

## In the case of Virus Neutralisation Test (VNT):

 $r_1 = \ge 0.3$ . 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.