

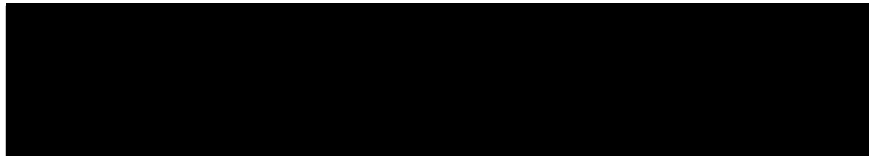


PIRBRIGHT LABORATORY  
Ash Road, Pirbright, Surrey GU24 0NF  
Tel: +44 (0)1483 232441 Fax: +44 (0)1483 232448  
Email: iah@iah.ac.uk  
Website: www.iah.bbsrc.ac.uk

## FMD Detection And Serotyping Results

Lab Reference WRL batch Number: WRLFMD/2012/00008

Sender Details:



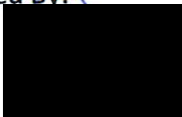
Date Received: 16/02/2012

Country of Origin: PAKISTAN

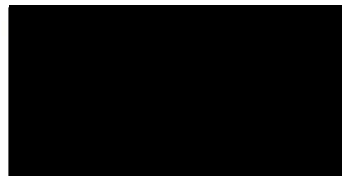
Dear Dr Ehtisham Khan,

Diagnostics work has now been completed in respect of the samples you submitted and the details are as attached.

Results Approved By:

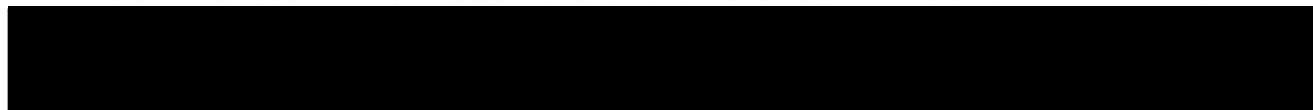


Official Stamp



Date:

1st March 2012



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 (gareth.shimmon@iah.ac.uk). IAH actively seeks and appreciates feedback, if you would like to offer feedback please complete the WRLFMD survey: <http://www.surveymonkey.com/s/WRLFMD>

## FMD Detection And Serotyping Results Report

INSTITUTE FOR ANIMAL HEALTH

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

Lab Reference WRL Batch Number: WRLFMD/2012/00008

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Surrey GU24 0NF

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Fax: +44 (0)1483 232448

Email: [iah@iah.ac.uk](mailto:iah@iah.ac.uk)

Website: [www.iah.bbsrc.ac.uk](http://www.iah.bbsrc.ac.uk)

Date Received: 16/02/2012 Country Of Origin: PAKISTAN

Date Tests Completed 28/02/2012

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
01	PAK 91/2011	BUFFALO, epithelium, Collected 23/12/2011	<b>POS</b>	ASIA-1
02	PAK 92/2011	BUFFALO, epithelium, Collected 23/12/2011	<b>POS</b>	ASIA-1
03	PAK 1/2012	CATTLE, epithelium, Collected 08/01/2012	<b>POS</b>	ASIA-1
04	PAK 2/2012	BUFFALO, epithelium, Collected 08/01/2012	<b>POS</b>	ASIA-1
05	PAK 3/2012	BUFFALO, epithelium, Collected 08/01/2012	<b>POS</b>	ASIA-1
06	PAK 4/2012	CATTLE, epithelium, Collected 14/01/2012	<b>POS</b>	ASIA-1
07	PAK 5/2012	CATTLE, epithelium, Collected 14/01/2012	<b>POS</b>	ASIA-1
08	PAK 6/2012	CATTLE, epithelium, Collected 16/01/2012	<b>POS</b>	A
09	PAK 7/2012	CATTLE, epithelium, Collected 16/01/2012	<b>POS</b>	A
10	PAK 8/2012	CATTLE, epithelium, Collected 16/01/2012	<b>POS</b>	A

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected

SOPs - WRL 026 (PCR), WRL 002 (Cell Culture), WRL 006 (ELISA)

A UKAS accredited testing laboratory No. 4025.

# FMD DETECTION AND SEROTYPING FULL RESULTS

**BATCH NUMBER - WRLFMD/2012/00008 DATE RECEIVED AT SITE - 16/02/2012 FROM PAKISTAN**  
**SENDER DETAILS**

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA	PCR Result	Final Result
			BTY	RS	Other	
01	PAK 91/2011	BUFFALO, epithelium Collected 23/12/2011	ASIA-I	ASIA-I	20.7, 20.07	ASIA-I
02	PAK 92/2011	BUFFALO, epithelium Collected 23/12/2011	ASIA-I	ASIA-I	19.36, 17.84	ASIA-I
03	PAK 1/2012	CATTLE, epithelium Collected 08/01/2012	ASIA-I	ASIA-I	30.76, 24.25	ASIA-I
04	PAK 2/2012	BUFFALO, epithelium Collected 08/01/2012	ASIA-I	ASIA-I	22.63, 21.96	ASIA-I
05	PAK 3/2012	BUFFALO, epithelium Collected 08/01/2012	ASIA-I	ASIA-I	17.94, 17.81	ASIA-I
06	PAK 4/2012	CATTLE, epithelium Collected 14/01/2012	ASIA-I	ASIA-I	17.59, 17.37	ASIA-I

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
07	PAK 5/2012	CATTLE, epithelium Collected 14/01/2012	NEG	ASIA-1	ASIA-1		17.26, 18.81	ASIA-1
08	PAK 6/2012	CATTLE, epithelium Collected 16/01/2012	NEG	A	-ve		18.99, 18.48	A
09	PAK 7/2012	CATTLE, epithelium Collected 16/01/2012	NEG	A	-ve		19.41, 19.2	A
10	PAK 8/2012	CATTLE, epithelium Collected 16/01/2012	NEG	A	-ve		19.82, 20.25	A

Validated by .....



Date .....

28/02/2012

NVD - No Virus Detected

POS - FMDV Genome Detected

NEG - No FMDV Genome Detected

FMDVGD - FMDV Genome Detected

WRI.FMD/2012/00008

IAHB/2012/00152

24 February 2012

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