

# FAO World Reference Laboratory for Foot-and-Mouth Disease (WRLFMD)

## Detection And Serotyping Report

Report date for this batch: 04-Dec-2014

FMDV type: A, O, SAT 2

Country: EGYPT

Year: 2014

Number of samples: 18

WRL BATCH: WRLFMD/2014/00037



A UKAS accredited testing laboratory No. 4025

The contents of this report are copyright and should not be reproduced without permission

© The Pirbright Institute

*FMD Detection And Serotyping Results*

WRL Batch: WRLFMD/2014/00037

Batch: IAHB/2014/00614

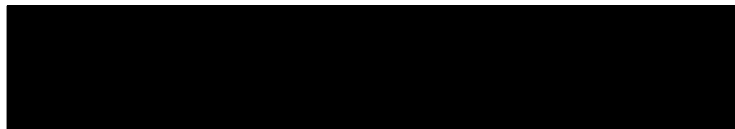
## FMD Detection And Serotyping Results Report

THE PIRBRIGHT INSTITUTE

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

Lab Reference WRL Batch Number: WRLFMD/2014/00037

Sender  
Details:



Ash Road, Pirbright,  
Surrey GU24 0NF

Tel: +44 (0)1483 232441

Fax: +44 (0)1483 232448

Email: enquiries@pirbright.ac.uk

Website: www.pirbright.ac.uk

Date Received: 04/11/2014 Country Of Origin: EGYPT

Date Tests Completed 04/12/2014

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
SL/64, sample #4	EGY 42/2012	CATTLE, lab isolated sample/vesicular fluid, Collected 20/05/2012	FMDV GD	A
SUR/16, sample #7	EGY 43/2012	CATTLE, lab isolated sample/epithelium, Collected 21/05/2012	FMDV GD	SAT 2
RV/33A, sample #1	EGY 30/2013	CATTLE, lab isolated sample/epithelium, Collected 20/03/2013	FMDV GD	FMDV NEG
RV/33B, sample #2	EGY 31/2013	CATTLE, lab isolated sample/epithelium, Collected 20/03/2013	FMDV GD	FMDV NEG
RL/1404, sample #2	EGY 23/2014	CATTLE, fluid/epithelium, Collected 07/04/2014	FMDV GD	O
RL/1431, sample #9	EGY 24/2014	CATTLE, fluid/epithelium, Collected 17/04/2014	FMDV GD	SAT 2
RL/1437, sample #5	EGY 25/2014	CATTLE, fluid/swabs, Collected 22/04/2014	FMDV GD	O
RL/1437, sample #5	EGY 26/2014	CATTLE, lab isolated sample/swab, Collected 22/04/2014	FMDV GD	O
RL/1473, sample #3	EGY 27/2014	CATTLE, fluid/epithelium, Collected 05/05/2014	FMDV GD	O
RL/1468, sample #6	EGY 28/2014	CATTLE, lab isolated sample/epithelium, Collected 06/05/2014	FMDV GD	O

NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected

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

A UKAS accredited testing laboratory No. 4025.

<b>Your Reference</b>	<b>WRL Reference</b>	<b>Description of Sample</b>	<b>PCR Result</b>	<b>Serotyping Result by Cell Culture/ELISA</b>
RL/1496, sample #10	EGY 29/2014	CATTLE, fluid/tongue, Collected 09/05/2014	FMDV GD	O
RL/1509, sample #4	EGY 30/2014	CATTLE, fluid/epithelium, Collected 17/05/2014	FMDV GD	NVD
RL/1536, sample #3	EGY 31/2014	CATTLE, lab isolated sample/swab, Collected 28/05/2014	FMDV GD	A
RL/1584 A, sample #6	EGY 32/2014	BUFFALO, fluid/tongue, Collected 14/06/2014	FMDV GD	O
RL/1584 B, sample #7	EGY 33/2014	BUFFALO, fluid/heart, Collected 14/06/2014	FMDV GD	NVD
RL/84, sample #1	EGY 34/2014	CATTLE, fluid/epithelium, Collected 18/08/2014	FMDV GD	O
RL/147, sample #8	EGY 35/2014	BUFFALO, fluid/heart, Collected 08/09/2014	FMDV GD	NVD
RL/294, sample #11	EGY 36/2014	CATTLE, fluid/epithelium, Collected 09/10/2014	FMDV GD	O

Please note that the serotyping results for samples EGY 12/2012 and EGY 31/2014 were obtained using our integrin/mAb ELISA assay. Although extensive validation has been carried out on this, it is not yet part of our portfolio of ISO/IEC 17025 accredited tests. Despite a number of attempts and passages in cell culture we were unable to type samples EGY 30/2013 and EGY31/2013 by our normal antigen ELISA and our integrin/mAb ELISA. Values obtained for serotype A were higher than the background but lower than our diagnostic cut off (0.1). These two samples were confirmed as serotype A by sequencing and this report will follow on shortly.

NVD - No Virus Detected    FMDV GD - FMDV Genome Detected    NGD - No Genome Detected

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

A UKAS accredited testing laboratory No. 4025.