

FAO World Reference Laboratory for Foot-and-Mouth Disease

Detection And Serotyping Report

Report date for this batch: 04-Apr-2014

FMDV type: A, AO, O

Country: AFGHANISTAN

Year: 2014

Number of samples: 21

WRL BATCH: WRLFMD/2014/00004



A UKAS accredited testing laboratory No. 4025

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FMD Detection And Serotyping Results

WRL Batch: WRLFMD/2014/00004

Batch: IAHB/2014/00059

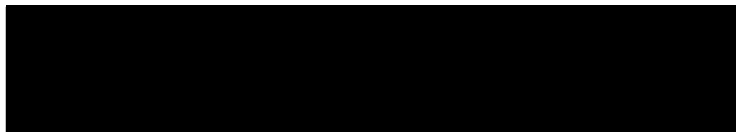
FMD Detection And Serotyping Results Report

THE PIRBRIGHT INSTITUTE

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

Lab Reference WRL Batch Number: WRLFMD/2014/00004

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: 10/02/2014 Country Of Origin: AFGHANISTAN

Date Tests Completed 04/04/2014

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
5935	AFG 1/2013	CATTLE, tissue, Collected 10/09/2013	FMDV GD	O
5936	AFG 2/2013	CATTLE, tissue, Collected 10/09/2013	FMDV GD	NVD
5910	AFG 3/2013	CATTLE, tissue, Collected 26/09/2013	FMDV GD	NVD
5914	AFG 4/2013	CATTLE, tissue, Collected 27/09/2013	FMDV GD	A, O
5920	AFG 5/2013	CATTLE, tissue, Collected 02/10/2013	FMDV GD	A
5888	AFG 6/2013	CATTLE, tissue, Collected 02/10/2013	NGD	NVD
5891	AFG 7/2013	CATTLE, tissue, Collected 04/10/2013	NGD	NVD
5918	AFG 8/2013	CATTLE, tissue, Collected 05/10/2013	FMDV GD	A
5919	AFG 9/2013	CATTLE, tissue, Collected 08/10/2013	FMDV GD	A
5922	AFG 10/2013	CATTLE, tissue, Collected 08/10/2013	NGD	NVD

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

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

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Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
5905	AFG 11/2013	CATTLE, tissue, Collected 09/10/2013	NGD	NVD
5931	AFG 12/2013	CATTLE, tissue, Collected 09/10/2013	FMDV GD	A
5917	AFG 13/2013	CATTLE, tissue, Collected 10/10/2013	FMDV GD	A
5933	AFG 14/2013	CATTLE, tissue, Collected 13/10/2013	FMDV GD	A
5916	AFG 15/2013	CATTLE, tissue, Collected 16/10/2013	FMDV GD	A
5923	AFG 16/2013	CATTLE, tissue, Collected 18/10/2013	NGD	NVD
5899	AFG 17/2013	CATTLE, tissue, Collected 24/10/2013	FMDV GD	O
5898	AFG 18/2013	CATTLE, tissue, Collected 26/10/2013	FMDV GD	NVD
5932	AFG 19/2013	CATTLE, tissue, Collected 27/10/2013	FMDV GD	A
5897	AFG 20/2013	CATTLE, tissue, Collected 28/10/2013	FMDV GD	NVD
5900	AFG 21/2013	CATTLE, tissue, Collected 29/10/2013	NGD	O

Please note that we were unable to obtain conclusive serotyping results for samples AFG 4/2013, AFG 5/2013, AFG 8/2013, AFG 12/2013, AFG 13/2013, AFG 14/2013, AFG 15/2013 and AFG 19/2013 using our standard antigen-ELISA assay which is accredited to ISO/IEC 17025 standard. A final serotype result was obtained using our integrin ELISA assay and although extensive validation has been carried out with it, it is not yet part of our portfolio of ISO/IEC 17025 accredited assays.

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

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