

FAO World Reference Laboratory for Foot-and-Mouth Disease

Detection And Serotyping Report

Report date for this batch: 26-Mar-2014

FMDV type: A, ASIA-1, O

Country: IRAN

Year: 2014

Number of samples: 31

WRL BATCH: WRLFMD/2014/00006



A UKAS accredited testing laboratory No. 4025

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FMD Detection And Serotyping Results

WRL Batch: WRLFMD/2014/00006

Batch: IAHB/2014/00075

FMD Detection And Serotyping Results Report

THE PIRBRIGHT INSTITUTE

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Date Received: 05/02/2014	Country Of	IRAN	Date Tests	26/03/2014
Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-92 A-30	IRN 14/2013	CATTLE, fluid, Collected 18/09/2013	FMDV GD	NVD
IR-92 A-23	IRN 15/2013	CATTLE, epithelium, Collected 21/09/2013	FMDV GD	ASIA-1
IR-92 A-26	IRN 16/2013	CATTLE, epithelium, Collected 29/09/2013	NGD	NVD
IR-92 A-18	IRN 17/2013	CATTLE, epithelium, Collected 07/10/2013	FMDV GD	O
IR-92 A-2	IRN 18/2013	CATTLE, epithelium, Collected 14/10/2013	FMDV GD	A
IR-92 A-13	IRN 19/2013	CATTLE, epithelium, Collected 20/10/2013	NGD	NVD
IR-92 A-21	IRN 20/2013	CATTLE, epithelium, Collected 12/11/2013	FMDV GD	A
IR-92 A-5	IRN 21/2013	CATTLE, epithelium, Collected 15/11/2013	FMDV GD	NVD
IR-92 A19	IRN 22/2013	CATTLE, epithelium, Collected 04/12/2013	FMDV GD	O
IR-92 A-3	IRN 23/2013	CATTLE, epithelium, Collected 05/12/2013	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)

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Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-92 A-6	IRN 24/2013	GOAT, epithelium, Collected 05/12/2013	NGD	A
IR-92 A-14	IRN 25/2013	CATTLE, epithelium, Collected 05/12/2013	FMDV GD	A
IR-92 A-15	IRN 26/2013	CATTLE, epithelium, Collected 11/12/2013	NGD	NVD
IR-92 A-4	IRN 27/2013	CATTLE, epithelium, Collected 12/12/2013	FMDV GD	A
IR-92 A-28	IRN 28/2013	CATTLE, epithelium, Collected 12/12/2013	FMDV GD	A
IR-92 A-31	IRN 29/2013	CATTLE, epithelium, Collected 18/12/2013	FMDV GD	O
IR-92 A-10	IRN 30/2013	CATTLE, epithelium, Collected 25/12/2013	FMDV GD	O
IR-92 A-27	IRN 31/2013	CATTLE, epithelium, Collected 26/12/2013	FMDV GD	O
IR-92 A-8	IRN 32/2013	CATTLE, epithelium, Collected 26/12/2013	FMDV GD	A
IR-92 A-7	IRN 33/2013	CATTLE, epithelium, Collected 28/12/2013	FMDV GD	A
IR-92 A-29	IRN 34/2013	CATTLE, epithelium, Collected 30/12/2013	FMDV GD	A
IR-92 A-22	IRN 1/2014	BOVINE, epithelium, Collected 01/01/2014	FMDV GD	O
IR-92 A1	IRN 2/2014	CATTLE, epithelium, Collected 06/01/2014	FMDV GD	A

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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
IR-92 A-9	IRN 3/2014	CATTLE, epithelium, Collected 06/01/2014	FMDV GD	A
IR-92 A-12	IRN 4/2014	CATTLE, epithelium, Collected 06/01/2014	FMDV GD	A
IR-92 A-11	IRN 5/2014	CATTLE, epithelium, Collected 06/01/2014	NOT TESTED	A
IR-92 A-17	IRN 6/2014	BOVINE, epithelium, Collected 12/01/2014	FMDV GD	A
IR-92 A-24	IRN 7/2014	CATTLE, epithelium, Collected 14/01/2014	FMDV GD	A
IR-92 A-25	IRN 8/2014	CATTLE, epithelium, Collected 14/01/2014	NOT TESTED	A
IR-92 A-20	IRN 9/2014	CATTLE, epithelium, Collected 15/01/2014	FMDV GD	A
IR-92 A-16	IRN 10/2014	BOVINE, epithelium, Collected 15/01/2014	FMDV GD	A

Please note that we were unable to obtain conclusive serotyping results for samples IRN 18/2013, IRN 24/2013, IRN 25/2013, IRN 32/2013, IRN 33/2013, IRN 34/2013, IRN 4/2014, IRN 4/2014 and IRN 5/2014 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.

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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