



FMD Detection and Serotyping Results

Lab Reference Batch Number: WRLFMD/2022/000090

Date Received: 08/12/2022

Country of Origin*: Egypt

Sender*:



Number Tested: 34

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

Notes:

Please note that we were unable to determine the serotype of all samples tested using our ISO/IEC 17025 accredited antigen-ELISAs. The serotype of samples EGY 13/2020, EGY 14/2020, EGY 18/2020, EGY 20/2020, EGY 21/2020, EGY 1/2021, EGY 5/2021 was determined using our integrin/mAb ELISA test. We were unable to determine the serotype of EGY 2/2022, however we were able to ascertain the presence of FMD antigen in this sample. Although extensive validation has been carried out on the integrin/mAb ELISA, it is not yet part of our portfolio of ISO/IEC 17025 accredited tests.

The results relate only to the samples tested and as received. This report shall not be reproduced except in full.

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratories by email (reporting@pirbright.ac.uk).

Report Number: 1166

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FMD Detection and Serotyping Results Report - Final

Lab Reference WRL Batch Number: WRLFMD/2022/000090

Report Date: 09/02/2023

Report Number: 1166



Date Received: 08/12/2022 Country of Origin*: Egypt

Date Tests Completed: 08/02/2023

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
1	EGY 1/2020	Collected 28/07/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
2	EGY 2/2020	Collected 28/07/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
3	EGY 3/2020	Collected 28/07/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
4	EGY 4/2020	Collected 08/09/2020 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
5	EGY 5/2020	Collected 08/09/2020 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
6	EGY 6/2020	Collected 08/09/2020 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
7	EGY 7/2020	Collected 08/09/2020 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
8	EGY 8/2020	Collected 05/10/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
9	EGY 9/2020	Collected 05/10/2020 CATTLE EPITHELIUM	A	FMDV GD

Final results are determined subject to acceptable test validation unless otherwise stated.

SOPs: WRL-SOP-35, WRL-SOP-26 and WRL-SOP-36 (rRT-PCR),
WRL-SOP-2 (Virus Isolation), WRL-SOP-6 and WRL-SOP-39 (Ag-ELISA)

NVD - No Virus Detected FMDV GD - FMDV Genome Detected SVDV GD- Swine Vesicular Disease Virus Genome Detected
SVV GD - Seneca Valley Virus Genome Detected (not accredited) VSVNJ GD - Vesicular Stomatitis Virus New Jersey Genome
Detected (not accredited) VSVIND GD - Vesicular Stomatitis Virus Indiana Genome Detected (not accredited) NGD - No Genome
Detected * Data supplied by the customer.

Lab Reference WRL Batch Number: WRLFMD/2022/000090

Report Date: 09/02/2023

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Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		TISSUE		
10	EGY 10/2020	Collected 11/10/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
11	EGY 11/2020	Collected 11/10/2020 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
12	EGY 12/2020	Collected 02/11/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
13	EGY 13/2020	Collected 08/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
14	EGY 14/2020	Collected 08/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
15	EGY 15/2020	Collected 18/11/2020 CATTLE EPITHELIUM TISSUE	NVD	NGD
16	EGY 16/2020	Collected 18/11/2020 CATTLE EPITHELIUM TISSUE	NVD	NGD
17	EGY 17/2020	Collected 19/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
18	EGY 18/2020	Collected 19/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
19	EGY 19/2020	Collected 19/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD

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WRL-SOP-2 (Virus Isolation), WRL-SOP-6 and WRL-SOP-39 (Ag-ELISA)

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20	EGY 20/2020	Collected 19/11/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
21	EGY 21/2020	Collected 30/12/2020 CATTLE EPITHELIUM TISSUE	A	FMDV GD
22	EGY 1/2021	Collected 18/01/2021 BUFFALO EPITHELIUM TISSUE	A	FMDV GD
23	EGY 2/2021	Collected 21/02/2021 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
24	EGY 3/2021	Collected 21/02/2021 BUFFALO EPITHELIUM TISSUE	NVD	FMDV GD
25	EGY 4/2021	Collected 21/02/2021 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
26	EGY 5/2021	Collected 25/04/2021 CATTLE EPITHELIUM TISSUE	A	FMDV GD
27	EGY 6/2021	Collected 25/04/2021 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
28	EGY 7/2021	Collected 26/04/2021 CATTLE EPITHELIUM TISSUE	A	FMDV GD
29	EGY 8/2021	Collected 19/10/2021 CATTLE EPITHELIUM TISSUE	O	FMDV GD
30	EGY 9/2021	Collected 24/10/2021	O	FMDV GD

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WRL-SOP-2 (Virus Isolation), WRL-SOP-6 and WRL-SOP-39 (Ag-ELISA)

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Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		BUFFALO EPITHELIUM TISSUE		
31	EGY 10/2021	Collected 24/10/2021 BUFFALO EPITHELIUM TISSUE	O	FMDV GD
33	EGY 1/2022	Collected 21/04/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
32	EGY 2/2022	Collected 09/06/2022 CATTLE EPITHELIUM TISSUE	FMDV	FMDV GD
34	EGY 3/2022	Collected 14/06/2022 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD

Report Authorised By: [REDACTED]
 Head of Vesicular Disease Reference Laboratories
Date: 09/02/2023 11:58:04

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SOPs: WRL-SOP-35, WRL-SOP-26 and WRL-SOP-36 (rRT-PCR),
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