



FMD Detection and Serotyping Results

Lab Reference Batch Number: WRLFMD/2022/000039

Date Received: 27/06/2022

Country of Origin*: Sudan

Sender*:

[REDACTED]

Number Tested: 40

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

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: 606

The Pirbright Institute Ash Road, Pirbright, Surrey GU24 0NF UK
Tel: +44 (0)1483 232441 Fax: +44 (0)1483 232448 Website: www.pirbright.ac.uk

FMD Detection and Serotyping Results Report - Final

Lab Reference WRL Batch Number: WRLFMD/2022/000039

Report Date: 20/10/2022

Report Number: 606



4025

Date Received: 27/06/2022 Country of Origin*: Sudan

Date Tests Completed: 20/10/2022

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
1/019 Epi	SUD 1/2019	Collected 10/01/2019 CATTLE EPITHELIUM TISSUE	A	FMDV GD
3/019Epi	SUD 2/2019	Collected 24/01/2019 CATTLE EPITHELIUM TISSUE	NVD	NGD
4/019Epi	SUD 3/2019	Collected 24/01/2019 CATTLE EPITHELIUM TISSUE	A	FMDV GD
5/019Epi	SUD 4/2019	Collected 24/01/2019 CATTLE EPITHELIUM TISSUE	A	FMDV GD
1/019 BN Epi	SUD 5/2019	Collected 28/02/2019 CATTLE EPITHELIUM TISSUE	NVD	NGD
2/019 BN Epi	SUD 6/2019	Collected 01/03/2019 CATTLE EPITHELIUM TISSUE	NVD	NGD
3/019 BN Epi	SUD 7/2019	Collected 01/03/2019 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
4/019 BN Epi	SUD 8/2019	Collected 01/03/2019 CATTLE EPITHELIUM TISSUE	NVD	NGD
1/020 EPI	SUD 1/2020	Collected 20/02/2020 CATTLE EPITHELIUM	NVD	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/2022/000039
 Report Date: 20/10/2022
 Report Number: 606

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		TISSUE		
2/020 EPI	SUD 2/2020	Collected 20/02/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
3/020 EPI	SUD 3/2020	Collected 24/02/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
4/020 EPI	SUD 4/2020	Collected 24/02/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
5/020 EPI	SUD 5/2020	Collected 24/02/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
6/020 EPI	SUD 6/2020	Collected 26/02/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
7/020 EPI	SUD 7/2020	Collected 26/02/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
8/020 EPI	SUD 8/2020	Collected 26/02/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
9/020 EPI	SUD 9/2020	Collected 01/03/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
10/020 EPI	SUD 10/2020	Collected 01/03/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
13/020 EPI	SUD 11/2020	Collected 04/03/2020 CATTLE EPITHELIUM TISSUE	NVD	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/2022/000039

Report Date: 20/10/2022

Report Number: 606

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
14/020 EPI	SUD 12/2020	Collected 09/03/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
15/020 EPI	SUD 13/2020	Collected 09/03/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
16/020 EPI	SUD 14/2020	Collected 09/03/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
23/020 EPI	SUD 15/2020	Collected 27/04/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
24/020 EPI	SUD 16/2020	Collected 27/04/2020 CATTLE EPITHELIUM TISSUE	O	NGD
26/020 EPI	SUD 17/2020	Collected 27/04/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
28/020 EPI	SUD 18/2020	Collected 27/04/2020 CATTLE EPITHELIUM TISSUE	O	FMDV GD
17/020 EPI	SUD 19/2020	Collected 30/12/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
18/020 EPI	SUD 20/2020	Collected 30/12/2020 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
19/020EPI	SUD 21/2020	Collected 30/12/2020 CATTLE EPITHELIUM TISSUE	NVD	NGD
20/020 EPI	SUD 22/2020	Collected 30/12/2020	NVD	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/2022/000039
 Report Date: 20/10/2022
 Report Number: 606

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		CATTLE EPITHELIUM TISSUE		
21/020 EPI	SUD 23/2020	Collected 30/12/2020 CATTLE EPITHELIUM TISSUE	NVD	NGD
1/021 EPI	SUD 1/2021	Collected 25/02/2021 CATTLE EPITHELIUM TISSUE	A	FMDV GD
4/021 EPI	SUD 2/2021	Collected 12/04/2021 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
3/021 EPI	SUD 3/2021	Collected 03/08/2021 CATTLE EPITHELIUM TISSUE	NVD	FMDV GD
1/022 EPI	SUD 1/2022	Collected 23/02/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
2/022 EPI	SUD 2/2022	Collected 01/03/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
3/022 EPI	SUD 3/2022	Collected 01/03/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
5/022 EPI	SUD 4/2022	Collected 12/03/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
7/022 EPI	SUD 5/2022	Collected 12/03/2022 CATTLE EPITHELIUM TISSUE	A	FMDV GD
8/022 EPI	SUD 6/2022	Collected 13/03/2022 CATTLE	NVD	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/2022/000039

Report Date: 20/10/2022

Report Number: 606

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		EPITHELIUM TISSUE		

Report Authorised By:

[REDACTED]

[REDACTED]

Date:

20/10/2022 15:37:34

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.