



FMD Detection and Serotyping Results

Lab Reference Batch Number: WRLFMD/2022/000012

Date Received: 18/05/2022

Country of Origin*: Ethiopia

Sender*:

F

Number Tested: 48

Diagnostics 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 samples ETH 26/2019, ETH 28/2019, ETH 30/2019, ETH 31/2019, ETH 9/2020, ETH 11/2020, ETH 12/2020, ETH 1/2021 AND ETH 5/2022 using our ISO/IEC 17025 accredited antigen-ELISAs. The serotype of each of these samples was confirmed or assigned using our integrin Mab ELISA. Although extensive validation has been carried out with this assay, 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: 344

FMD Detection and Serotyping Results Report - Final

Lab Reference WRL Batch Number: WRLFMD/2022/000012

Report Date: 16/08/2022

Report Number: 344



Date Received: 18/05/2022 Country of Origin*: Ethiopia

Date Tests Completed: 10/08/2022

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
90	ETH 21/2019	Collected 09/04/2019 BOVINE Tissue suspension FLUID	A	FMDV GD
76	ETH 22/2019	Collected 21/04/2019 BOVINE Tissue suspension FLUID	NVD	FMDV GD
25128	ETH 23/2019	Collected 24/08/2019 BOVINE TISSUE	NVD	FMDV GD
25129	ETH 24/2019	Collected 24/08/2019 BOVINE TISSUE	O	FMDV GD
33490	ETH 25/2019	Collected 26/08/2019 BOVINE TISSUE	A	FMDV GD
38869	ETH 26/2019	Collected 04/10/2019 BOVINE Tissue suspension FLUID	O	FMDV GD
32549	ETH 27/2019	Collected 18/10/2019 BOVINE Tissue suspension FLUID	O	FMDV GD
32553	ETH 28/2019	Collected 18/10/2019 BOVINE Tissue suspension FLUID	O	FMDV GD
5296	ETH 29/2019	Collected 15/11/2019 BOVINE Tissue suspension FLUID	O	FMDV GD
34486 (1)	ETH 30/2019	Collected 22/11/2019	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 - Swine Vesicular Disease Virus Genome Detected
SVA GD - Senecavirus A Genome Detected VSVNJ GD - Vesicular Stomatitis Virus New Jersey Genome Detected
VSVIND GD - Vesicular Stomatitis Virus Indiana Genome Detected NGD - No Genome Detected

* Data supplied by the customer.

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 Report Number: 344

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
		BOVINE Tissue suspension FLUID		
34486 (2)	ETH 31/2019	Collected 22/11/2019 BOVINE Tissue suspension FLUID	SAT2	FMDV GD
34480	ETH 32/2019	Collected 22/11/2019 BOVINE Tissue suspension FLUID	SAT2	FMDV GD
34483	ETH 33/2019	Collected 22/11/2019 BOVINE TISSUE	NVD	FMDV GD
35490	ETH 34/2019	Collected 20/12/2019 BOVINE Tissue suspension FLUID	A	FMDV GD
35251	ETH 35/2019	Collected 28/12/2019 BOVINE Tissue suspension FLUID	NVD	NGD
35255	ETH 36/2019	Collected 28/12/2019 BOVINE Tissue suspension FLUID	NVD	FMDV GD
1261	ETH 37/2019	Collected 30/12/2019 BOVINE Tissue suspension FLUID	NVD	NGD
4580	ETH 1/2020	Collected 15/01/2020 BOVINE Tissue suspension FLUID	A	FMDV GD
2222	ETH 2/2020	Collected 20/01/2020 BOVINE TISSUE	O	FMDV GD
2236	ETH 3/2020	Collected 20/01/2020 BOVINE TISSUE	NVD	NGD

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NVD - No Virus Detected FMDV GD - FMDV Genome Detected SVDV - Swine Vesicular Disease Virus Genome Detected
 SVA GD - Senecavirus A Genome Detected VSVNJ GD - Vesicular Stomatitis Virus New Jersey Genome Detected
 VSVIND GD - Vesicular Stomatitis Virus Indiana Genome Detected NGD - No Genome Detected

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Report Date: 16/08/2022

Report Number: 344

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
2240	ETH 4/2020	Collected 20/01/2020 BOVINE TISSUE	NVD	FMDV GD
32302	ETH 5/2020	Collected 10/02/2020 BOVINE Tissue suspension FLUID	O	FMDV GD
7679	ETH 6/2020	Collected 06/03/2020 BOVINE SWAB	NVD	FMDV GD
7682	ETH 7/2020	Collected 06/03/2020 BOVINE Tissue suspension FLUID	NVD	FMDV GD
23595	ETH 8/2020	Collected 23/04/2020 BOVINE Tissue suspension FLUID	O	NGD
21525	ETH 9/2020	Collected 09/05/2020 BOVINE Tissue suspension FLUID	A & SAT2	FMDV GD
110	ETH 10/2020	Collected 21/05/2020 BOVINE Tissue suspension FLUID	O	FMDV GD
108	ETH 11/2020	Collected 21/05/2020 BOVINE TISSUE	O	FMDV GD
1792	ETH 12/2020	Collected 21/10/2020 BOVINE Tissue suspension FLUID	O	FMDV GD
13315	ETH 13/2020	Collected 11/11/2020 BOVINE Tissue suspension FLUID	A	FMDV GD
13325	ETH 14/2020	Collected 11/11/2020 BOVINE TISSUE	A	FMDV GD

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Report Date: 16/08/2022

Report Number: 344

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
50298	ETH 15/2020	Collected 15/12/2020 BOVINE Tissue suspension FLUID	O	FMDV GD
50299	ETH 16/2020	Collected 15/12/2020 BOVINE TISSUE	O	FMDV GD
50300	ETH 17/2020	Collected 15/12/2020 BOVINE TISSUE	O	FMDV GD
50374	ETH 18/2020	Collected 29/12/2020 BOVINE TISSUE	NVD	NGD
50377	ETH 19/2020	Collected 29/12/2020 BOVINE TISSUE	NVD	FMDV GD
1556	ETH 1/2021	Collected 22/01/2021 BOVINE TISSUE	O	FMDV GD
4349	ETH 2/2021	Collected 21/05/2021 BOVINE TISSUE	O	FMDV GD
9858	ETH 3/2021	Collected 21/05/2021 BOVINE TISSUE	NVD	NGD
36364	ETH 4/2021	Collected 21/09/2021 BOVINE Tissue suspension FLUID	O	FMDV GD
36367	ETH 5/2021	Collected 21/09/2021 BOVINE Tissue suspension FLUID	O	FMDV GD
6643	ETH 6/2021	Collected 11/12/2021 BOVINE Tissue suspension FLUID	NVD	NGD
7727	ETH 1/2022	Collected 16/02/2022 BOVINE Tissue suspension	NVD	FMDV GD

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		FLUID		
13634	ETH 2/2022	Collected 29/03/2022 BOVINE Tissue suspension FLUID	SAT2	FMDV GD
13639	ETH 3/2022	Collected 29/03/2022 BOVINE Tissue suspension FLUID	SAT2	FMDV GD
10974	ETH 4/2022	Collected 30/03/2022 BOVINE TISSUE	A	FMDV GD
10975	ETH 5/2022	Collected 30/03/2022 BOVINE Tissue suspension FLUID	O	FMDV GD
14055	ETH 6/2022	Collected 05/04/2022 BOVINE Tissue suspension FLUID	NVD	NGD

Report Authorised By: [REDACTED]
Head of Vesicular Disease Reference Laboratories
Date: 16/08/2022 11:34:24

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