



Test Report

Lab Reference Batch Number: WRLFMD/2026/000003

Date Received: 30/01/2026

Country of Origin*: Bhutan

Sender*:



Number Tested: 21

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 not able to recover virus using traditional isolation methods for samples BHU 5/2024, BHU 6/2024 and BHU 7/2024. Isolates for these samples were generated using a transfection method, which permitted serotype identification by antigen-ELISA.

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: 14683

Vesicular Disease Diagnostics Report - Final

Lab Reference WRL Batch Number: WRLFMD/2026/000003

Report Date: 09/04/2026

Report Number: 14683



Date Received: 30/01/2026 Country of Origin*: Bhutan
Date Tests Completed: 09/04/2026

Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
5	BHU 30/2017	Collected 24/07/2017 TISSUE	NVD	FMDV GD
1	BHU 31/2017	Collected 29/09/2017 TISSUE	NVD	FMDV GD
2	BHU 32/2017	Collected 06/12/2017 TISSUE	O	FMDV GD
9	BHU 29/2018	Collected 25/07/2018 FLUID	NVD	NGD
13	BHU 30/2018	Collected 24/08/2018 FLUID	NVD	FMDV GD
11	BHU 31/2018	Collected 08/09/2018 TISSUE	NVD	FMDV GD
6	BHU 32/2018	Collected 24/09/2018 FLUID	NVD	NGD
8	BHU 33/2018	Collected 24/09/2018 FLUID	NVD	FMDV GD
12	BHU 34/2018	Collected 24/09/2018 TISSUE	NVD	NGD
7	BHU 35/2018	Collected 09/11/2018 FLUID	NVD	NGD
10	BHU 36/2018	Collected 09/11/2018 TISSUE	NVD	NGD
3	BHU 11/2019	Collected 21/01/2019 FLUID	NVD	FMDV GD

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

Matrices included in our ISO/IEC 17025 scope of accreditation for virological tests (Virus isolation and antigen detection ELISA) include Tissue, unspecified (WRL-SOP-2, -6 and -39). Specific matrices included for molecular tests (real-time RT-PCR; WRL-SOP-2 6, -35 and -42) comprise Tissue Epithelium, Oesophageal Washings (Probang), Serum, EDTA Whole Blood and Milk for FMDV and related viruses, and Faeces for SVDV. Full details of our accreditation schedule can be found at https://www.ukas.com/wp-content/uploads/schedule_uploads/00002/4025Testing-Single.pdf. Specimen types that are not included in this list will be tested following the same rigorous methods described in our schedule of accreditation, however ISO/IEC 17025 accreditation cannot be claimed for these matrices.

SOPs: WRL-SOP-35, WRL-SOP-26 and WRL-SOP-42 (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/2026/000003

Report Date: 09/04/2026

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Your Reference*	WRL Reference	Description of Sample*	Serotyping Result by Cell Culture/ELISA	PCR Result
4	BHU 12/2019	Collected 21/01/2019 TISSUE	O	FMDV GD
14	BHU 1/2024	Collected 01/10/2024 TISSUE	NVD	FMDV GD
15	BHU 2/2024	Collected 01/10/2024 TISSUE	NVD	FMDV GD
16	BHU 3/2024	Collected 01/10/2024 TISSUE	O	FMDV GD
17	BHU 4/2024	Collected 01/10/2024 TISSUE	O	FMDV GD
18	BHU 5/2024	Collected 01/10/2024 TISSUE	O	FMDV GD
19	BHU 6/2024	Collected 01/10/2024 TISSUE	O	FMDV GD
20	BHU 7/2024	Collected 01/10/2024 TISSUE	O	FMDV GD
21	BHU 1/2025	Collected 01/12/2025 TISSUE	NVD	NGD

Report Authorised By:

[Redacted Signature]

Date: 09/04/2026 16:21:03

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SOPs: WRL-SOP-35, WRL-SOP-26 and WRL-SOP-42 (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.