## **FMD Detection And Serotyping Results Report**

Lab Reference WRL Batch Number: WRLFMD/2020/00002

| Date Received: 16/03 | /2020 Country Of Origin | n*: PAKISTAN D                                       | ate Tests Co  | ompleted: 24/06/2020                       |
|----------------------|-------------------------|--|---------------|--|
| Your Reference*      | WRL Reference           | Description of Sample*                               | PCR<br>Result | Serotyping Result by<br>Cell Culture/ELISA |
| PK/20/49 (3632)      | PAK 29/2016             | CATTLE, fluid/cell culture, collected 24/03/2016     | FMDV GD       | ASIA-1                                     |
| PK/20/46 (17)        | PAK 30/2016             | CATTLE, fluid/cell culture, collected 13/08/2016     | FMDV GD       | A  |
| PK/20/45 (13)        | PAK 31/2016             | CATTLE, fluid/cell culture, collected 31/10/2016     | FMDV GD       | A  |
| PK/20/43 (5)         | PAK 32/2016             | CATTLE, fluid/cell culture, collected 09/12/2016     | FMDV GD       | ASIA-1                                     |
| PK/20/48 (4308)      | PAK 18/2017             | CATTLE, fluid/cell culture, collected 28/11/2017     | FMDV GD       | 0  |
| PK/20/47 (21)        | PAK 3/2018              | BUFFALO, fluid/cell culture,<br>collected 24/03/2018 | NGD           | NVD  |
| PK/20/1 (4506)       | PAK 35/2019             | CATTLE, tissue/epithelium, collected 02/01/2019      | FMDV GD       | 0  |
| PK/20/2 (4562)       | PAK 36/2019             | CATTLE, tissue/epithelium, collected 08/01/2019      | FMDV GD       | 0  |
| PK/20/3 (4564)       | PAK 37/2019             | BUFFALO, tissue/epithelium, collected 08/01/2019     | FMDV GD       | NVD  |
| PK/20/4 (4576)       | PAK 38/2019             | CATTLE, tissue/epithelium, collected 16/01/2019      | FMDV GD       | NVD  |
| PK/20/5 (4577)       | PAK 39/2019             | CATTLE, tissue/epithelium, collected 16/01/2019      | FMDV GD       | NVD  |
| PK/20/6 (4578)       | PAK 40/2019             | CATTLE, tissue/epithelium, collected 16/01/2019      | FMDV GD       | NVD  |
|                      |                         |  |               |  |

Version 1

NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected

Batch: IAHB/2020/00245

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

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

<sup>\*</sup> Data supplied by the customer

| Your Reference* | WRL Reference | Description of Sample*                           | PCR<br>Result | Serotyping Result by<br>Cell Culture/ELISA |
|-----------------|---------------|--|---------------|--|
| PK/20/7 (4581)  | PAK 41/2019   | CATTLE, tissue/epithelium, collected 16/01/2019  | FMDV GD       | 0  |
| PK/20/8 (4583)  | PAK 42/2019   | CATTLE, tissue/epithelium, collected 16/01/2019  | FMDV GD       | 0  |
| PK/20/9 (4584)  | PAK 43/2019   | CATTLE, tissue/epithelium, collected 16/01/2019  | FMDV GD       | 0  |
| PK/20/10 (4586) | PAK 44/2019   | CATTLE, tissue/epithelium, collected 16/01/2019  | FMDV GD       | 0  |
| PK/20/11 (4588) | PAK 45/2019   | CATTLE, tissue/epithelium, collected 16/01/2019  | FMDV GD       | 0  |
| PK/20/44 (9)    | PAK 46/2019   | CATTLE, fluid/cell culture, collected 19/01/2019 | FMDV GD       | 0  |
| PK/20/12 (4592) | PAK 47/2019   | CATTLE, tissue/epithelium, collected 24/01/2019  | FMDV GD       | 0  |
| PK/20/13 (4651) | PAK 48/2019   | BUFFALO, tissue/epithelium, collected 24/01/2019 | FMDV GD       | ASIA-1                                     |
| PK/20/14 (4652) | PAK 49/2019   | CATTLE, tissue/epithelium, collected 24/01/2019  | FMDV GD       | ASIA-1                                     |
| PK/20/15 (4656) | PAK 50/2019   | CATTLE, tissue/epithelium, collected 04/02/2019  | FMDV GD       | 0  |
| PK/20/16 (4661) | PAK 51/2019   | CATTLE, tissue/epithelium, collected 04/02/2019  | FMDV GD       | 0  |
| PK/20/17 (4662) | PAK 52/2019   | CATTLE, tissue/epithelium, collected 04/02/2019  | FMDV GD       | 0  |
| PK/20/18 (4669) | PAK 53/2019   | BUFFALO, tissue/epithelium, collected 06/02/2019 | FMDV GD       | 0  |

**Version 1** NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected SOPs: WRL-SOP-35 and WRL-SOP-26 (rRT-PCR), WRL-SOP-2 (Virus isolation), WRL-SOP-6 (Ag-ELISA)

Batch: IAHB/2020/00245

<sup>\*</sup> Data supplied by the customer

| Your Reference* | WRL Reference | Description of Sample*                               | PCR<br>Result | Serotyping Result by Cell Culture/ELISA |
|-----------------|---------------|--|---------------|---|
| PK/20/19 (4671) | PAK 54/2019   | BUFFALO, tissue/epithelium, collected 06/02/2019     | FMDV GD       | 0                                       |
| PK/20/20 (4672) | PAK 55/2019   | CATTLE, tissue/epithelium, collected 06/02/2019      | FMDV GD       | 0                                       |
| PK/20/21 (4795) | PAK 56/2019   | BUFFALO, tissue/epithelium, collected 14/02/2019     | FMDV GD       | NVD                                     |
| PK/20/22 (4819) | PAK 57/2019   | CATTLE, tissue/epithelium, collected 26/02/2019      | FMDV GD       | 0                                       |
| PK/20/23 (4820) | PAK 58/2019   | CATTLE, tissue/epithelium, collected 26/02/2019      | FMDV GD       | 0                                       |
| PK/20/42 (1)    | PAK 59/2019   | BUFFALO, fluid/cell culture,<br>collected 26/02/2019 | FMDV GD       | O, ASIA-1                               |
| PK/20/24 (4828) | PAK 60/2019   | CATTLE, tissue/epithelium, collected 01/03/2019      | FMDV GD       | 0                                       |
| PK/20/25 (4829) | PAK 61/2019   | CATTLE, tissue/epithelium, collected 01/03/2019      | FMDV GD       | 0                                       |
| PK/20/26 (4832) | PAK 62/2019   | BUFFALO, tissue/epithelium, collected 01/03/2019     | FMDV GD       | 0                                       |
| PK/20/27 (4833) | PAK 63/2019   | CATTLE, tissue/epithelium, collected 01/03/2019      | FMDV GD       | 0                                       |
| PK/20/28 (4839) | PAK 64/2019   | CATTLE, tissue/epithelium, collected 08/03/2019      | FMDV GD       | 0                                       |
| PK/20/29 (4849) | PAK 65/2019   | CATTLE, tissue/epithelium, collected 13/03/2019      | FMDV GD       | NVD                                     |
| PK/20/30 (4851) | PAK 66/2019   | CATTLE, tissue/epithelium, collected 13/03/2019      | FMDV GD       | 0                                       |

**Version 1** NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected SOPs: WRL-SOP-35 and WRL-SOP-26 (rRT-PCR), WRL-SOP-2 (Virus isolation), WRL-SOP-6 (Ag-ELISA)

\* Data supplied by the customer

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

| Your Reference*  | WRL Reference | Description of Sample*                           | PCR<br>Result | Serotyping Result by Cell Culture/ELISA |
|------------------|---------------|--|---------------|---|
| PK/20/31 (4882)  | PAK 67/2019   | CATTLE, tissue/epithelium, collected 19/03/2019  | FMDV GD       | 0                                       |
| PK/20/32 (5086)  | PAK 68/2019   | BUFFALO, tissue/epithelium, collected 17/04/2019 | FMDV GD       | 0                                       |
| PK/20/39 (5087)  | PAK 69/2019   | CATTLE, tissue/epithelium, collected 17/04/2019  | FMDV GD       | ASIA-1                                  |
| PK/20/38 (5187)  | PAK 70/2019   | BUFFALO, tissue/epithelium, collected 29/04/2019 | FMDV GD       | ASIA-1                                  |
| PK/20/33 (5192)  | PAK 71/2019   | CATTLE, tissue/epithelium, collected 15/05/2019  | FMDV GD       | ASIA-1                                  |
| PK/20/34 (5215)  | PAK 72/2019   | CATTLE, tissue/epithelium, collected 25/06/2019  | FMDV GD       | 0                                       |
| PK/20/50 (5232)  | PAK 73/2019   | CATTLE, fluid/cell culture, collected 23/07/2019 | FMDV GD       | А                                       |
| PK/20/37 (722)   | PAK 74/2019   | BUFFALO, tissue/epithelium, collected 13/11/2019 | FMDV GD       | 0                                       |
| PK/20/36 (705)   | PAK 75/2019   | CATTLE, tissue/epithelium, collected 18/12/2019  | FMDV GD       | ASIA-1                                  |
| PK/20/40 (777)   | PAK 1/2020    | CATTLE, tissue/epithelium, collected 25/01/2020  | FMDV GD       | A                                       |
| PK/20/41 (780)   | PAK 2/2020    | CATTLE, tissue/epithelium, collected 27/01/2020  | FMDV GD       | A                                       |
| PK/20/35 (ICT01) | PAK 3/2020    | CATTLE, tissue/epithelium, collected 24/02/2020  | FMDV GD       | 0                                       |

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

**Version 1** NVD - No Virus Detected FMDV GD - FMDV Genome Detected NGD - No Genome Detected SOPs: WRL-SOP-35 and WRL-SOP-26 (rRT-PCR), WRL-SOP-2 (Virus isolation), WRL-SOP-6 (Ag-ELISA)

\* Data supplied by the customer

Batch: IAHB/2020/00245

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