

Additional testing of samples received from Sierra Leone has been performed using a new lineage-specific real-time RT-PCR (rRT-PCR) designed to detect FMD viruses from the O/EA-3 toptotype. Based on these results, there is evidence for FMD viruses from the O/EA-3 toptotype in these samples. **Please note that this is not a validated test, and that results should be interpreted cautiously – especially since it was not possible to generate sequences from these specimens.**

Results are summarised in the Table below:

Your ref	WRLFMD Reference number	Sample type	3D rRT-PCR ^a	Result for O/EA-3 rRT-PCR
15	SEL 13/2018	OF (swab)	22.34 (Positive)	21.57 (Positive)
16	SEL 14/2018	OF (swab)	24.89 (Positive)	26.43 (Positive)
17	SEL 15/2018	OF (swab)	25.20 (Positive)	24.95 (Positive)

Real-time RT-PCR results shown are average CT values for duplicates

^a cut-off <32 is used to define a FMDV positive sample using the 3D rRT-PCR