

CONFIDENTIAL FOR INDIVIDUAL LABORATORY USE ONLY
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Expected Results Report



QCMD 2020 Coronavirus Outbreak Preparedness (CVOP) EQA Pilot Scheme

Thank you for participating in this QCMD EQA scheme. Listed below are the sample codes and sample contents of the EQA panel that you received. These are provided for your information only and should not be communicated to other laboratories who may still be in the process of testing the samples.

Expected results of the programme in order of sample code.

Sample code	Sample content	Sample status	dPCR Log10 Copies/ml	dPCR SD	Sample matrix
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Sample Code: QCMD panel sample codes for the samples distributed to laboratories.
Sample Content: Content of the individual panel samples and, where applicable, the subtype or strain of the pathogen.
Sample Status: The status of the sample as determined by pretesting of the samples at QCMD.
dPCR Log10 Copies/ml: The value obtained using a digital droplet PCR assay (modified from *Eurosurveillance Jan 2020 Corman et al*)
 Samples CVOP20S-07, 01, 03, 08, are in a calibrated dilution series. CVOP20S-06 is a duplicate sample of CVOP20S-01.
Please note: The values provided are for reference only. The values obtained by individual participating laboratories will vary from the dPCR values provided. This is because quantification is dependent on the molecular workflow each laboratory uses (i.e. nucleic acid extraction and molecular platform / assay) as well as the standards or reference material used to calibrate the molecular workflow. In the absence of an International Standard or Certified Reference Material (CRM), QCMD uses Internal Reference Materials (IRMs) with values established using a dPCR reference assay in order to support the consistency and traceability of the EQA materials. This also helps aid the comparison of results across laboratories.
dPCR SD: The standard deviation (SD) between dPCR replicates on same samples reported in Log10 Copies/ml.
Sample matrix: The material used as a matrix in preparation of the panel samples. Transport medium to simulate an eluted swab sample.

Important information: The Expected Results Report is being provided to participating laboratories on return of results to QCMD. It will provide laboratories with an immediate means of checking their results against the panel composition. Please note, that on receipt of the expected results report your laboratory will not be able to enter any further results for this EQA scheme or edit the results that you have already submitted.

As with standard QCMD EQA schemes an individual report containing your individual laboratory assessment and the peer group assessment will be provided at the end of the results return phase.

If you have any queries concerning this EQA scheme please contact the QCMD Neutral Office ([\(10\)\(2e\)@qcmd.org](mailto:(10)(2e)@qcmd.org)).

Yours Sincerely,

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