ABOUT ESfEQA

ESfEQA GmbH is a German company based in Heidelberg and offers more than 70 External Quality Assessment programs in Biochemistry, Haematology, Immunology and Microbiology. Most of the programs are accredited according to DIN EN ISO/IEC 17043:2010 by the German Accreditation Body DAkkS.

Please visit our website for more information.

Ask your local distributor or ESfEQA (info@esfeqa.eu) how to get enrolled in the ESfEQA External Quality Assessment Schemes.

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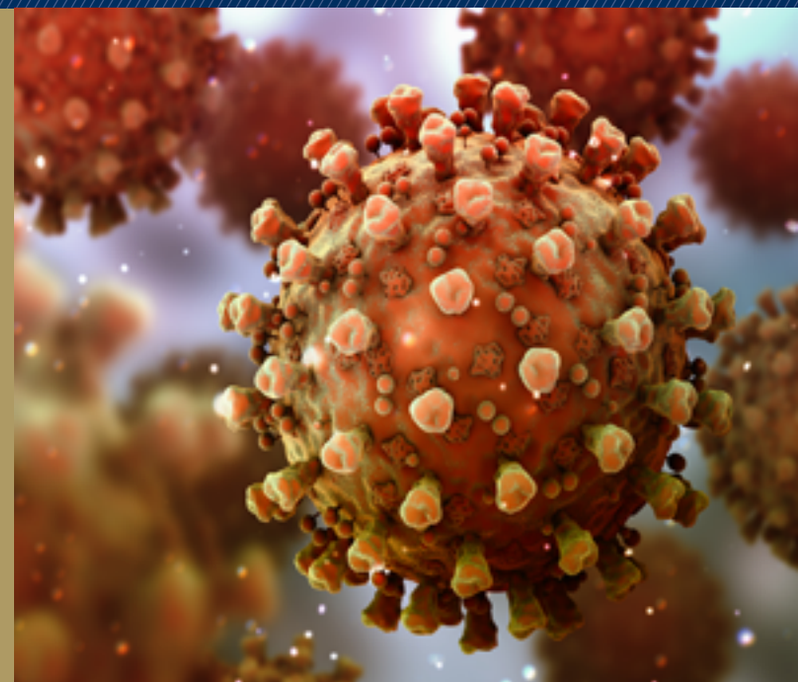
ESfEQA
European Society for External Quality Assessment

SARS-CoV-2 MOLECULAR

EXTERNAL QUALITY ASSESSMENT PROGRAM



EXTERNAL QUALITY ASSESSMENT SCHEME

SARS-CoV-2 Molecular

Analytes:

SARS-CoV-2 RNA qualitative
SARS-CoV-2 RNA quantitative

Background

Analysis of SARS-CoV-2 (COVID-19) RNA is the primary diagnostic tool for the detection of acute COVID-19 infections. NAT/PCR is a very sensitive method for the analysis of RNA and thus for the early diagnosis of COVID-19. This is important to limit the spread of the infection and to contain the COVID-19 pandemic.
The participation in an External Quality Assessment Scheme for SARS-CoV-2 Molecular testing complements the ESfEQA serological survey for SARS-CoV-2 antibodies and supports medical laboratories to assess their quality in the diagnosis of COVID-19 towards delivering accurate and reliable test results.

Schedule

ESfEQA offers the SARS-CoV-2 Molecular EQA as a quarterly program. In general, the subscription is valid until the end of the calender year. Participants can enroll in a program at any quarter of the year.

Samples

Each survey consists of 3 samples, with a minimum of 1 ml per sample. The samples contain the whole genome of SARS-CoV-2, thus covering all possible gene targets used in different NAT/PCR assays. All samples contain human epithel cells or fibroplasts as positive control to assess the entire workflow including nucleic acid extraction and amplification.

ESfEQA Reports and Certificates

Reports with a detailed statistical analysis are provided as PDF-files to each participant via the TEQA web application. This includes the assessment of the laboratory performance in comparison to participants that have used the same, but also other analytical methods and reagents. Moreover, the reports contain specific comments on the evaluation and conclusions for a better understanding of the survey results.
Certificates are provided as PDF-files for download from the TEQA web application as well.
Reports and certificates are made available within 3 weeks after the closing date for the result submission.


ESIEQA

Certificate

Laboratory XX

Heidelberg/Germany
DE1234a

participated in the external quality assessment:
SARS-CoV-2 Molecular
and met all specifications for following analytes:
SARS-CoV-2 RNA, qualitative

samples: COVIDM_2020_01_a, COVIDM_2020_01_b, COVIDM_2020_01_c

processing date: xx/xx/2020

Dieter Groche
Coordinator of ESIEQA GmbH