

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.

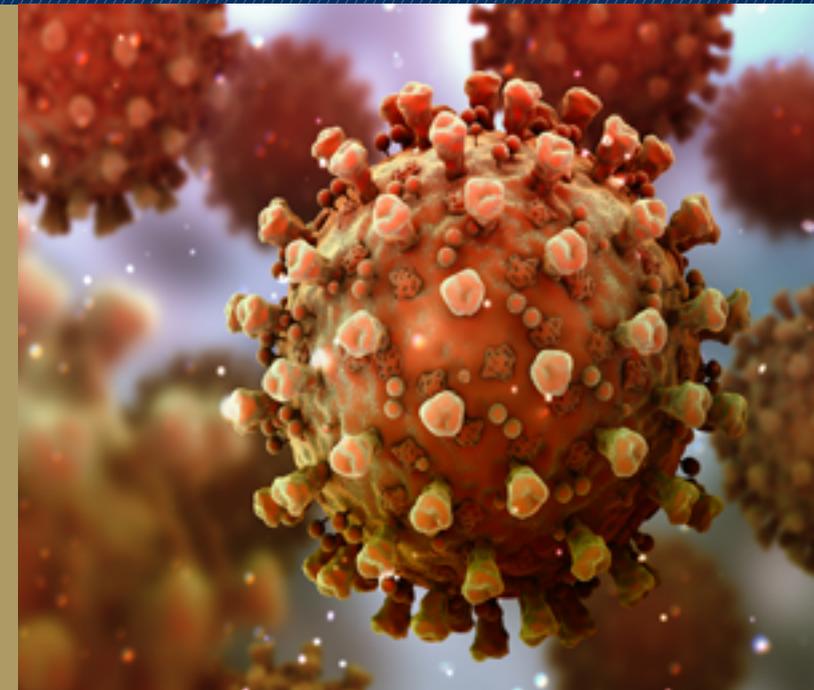
Ask your local distributor or ESfEQA (info@esfeqa.eu) how to get enrolled in the ESfEQA External Quality Assessment Schemes.



SARS-CoV-2 ANTIBODIES

EXTERNAL QUALITY
ASSESSMENT PROGRAM

ESfEQA GmbH
European Society for External Quality Assessment
Siemensstr. 38
69123 Heidelberg
GERMANY
Phone +49(0)6221-894669-70
Fax +49(0)6221-894669-90
info@esfeqa.eu
www.esfeqa.eu



EXTERNAL QUALITY ASSESSMENT SCHEME SARS-CoV-2 Antibodies

Analytes:

SARS-CoV-2 total antibodies
SARS-CoV-2 IgA antibodies
SARS-CoV-2 IgG antibodies
SARS-CoV-2 IgM antibodies

Analytical Methods:

ELISA assays
Lateral-flow (rapid) assays
Immunofluorescence
Chemiluminescence
Electrochemiluminescence
other methods on request



Background

Serological analysis of SARS-CoV-2 (COVID-19) is an important supplement to direct detection of the pathogen by NAT/PCR. Antibody tests can provide valuable information whether persons had already contact with the SARS-CoV-2 pathogen resulting in an immune response. This is particularly relevant for persons belonging to a risk group or for personnel in critical areas (hospitals, nursing, medical practices, schools etc.)

ESfEQA provides an EQA program for medical laboratories to support them in the quality assurance of the serological diagnostics of SARS-CoV-2 (COVID-19).

Schedule

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

Samples

Each survey consists of 6 samples, in general from single donors, with a minimum of 0,3 ml per sample. The samples are of 100% human origin and are liquid stable at 2-8°C. Antibody positive samples are from donors that were once tested PCR-positive. Clinical data of the patient will be provided with the report.

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.

