

ABOUT ESfEQA



ESfEQA is a German company based in Heidelberg and accredited according to DIN EN ISO/ IEC 17043:2023 by the German Accreditation Body DAkkS. ESfEQA offers more than 90 External Quality Assessment programs in Biochemistry, Hematology, Immunoassays, Microbiology, Molecular Diagnostics, and Educational Programs.

Please visit our website for more information.

Ask your local distributor or ESfEQA how to get enrolled in the ESfEQA External Quality Assessment Schemes.

Autoimmunity Programs

EXTERNAL QUALITY ASSESSMENT / PROFICIENCY TESTING PROGRAMS

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EXTERNAL QUALITY ASSESSMENT PROGRAM

Anti-Nuclear Antibodies (ANA)

Cyclic Citrullinated Peptide Antibodies (CCP)

Thyroid Antibodies (Anti-THYR)

Background

As awareness of autoimmune diseases grows, so does demand for testing, reinforcing the importance of accurate and reliable laboratory results. Our EQA programs allow for consistent monitoring of analytical performance, reliable result interpretation, and comparability between laboratories.

Schemes & Samples

Anti-Nuclear Antibodies (ANA)

The EQA program Anti-Nuclear Antibodies (order code: ANA), is suitable for laboratories performing the detection and characterization of ANA and related autoantibodies using HEp-2 IIFT, CLIFT, and other immunoassays (e.g., ELISA, CLIA).

The program includes two EQA surveys per year (Q2 and Q4), each comprising three serum samples for ANA HEp-2 pattern and titer assessment, as well as disease-specific autoantibody testing with qualitative and quantitative reporting.

Program	Anti-Nuclear Antibodies (ANA)
Scheme	2 surveys/year x 3 samples
Samples	Liquid samples (0,5 mL)
Assessed Parameters	Method(s)
ANA detection	IIFT (HEp-2), CLIFT, Farr assay and immunoassays (e.g., ELISA, CLIA, ECLIA)
ANA titer	
ANA HEp-2 staining pattern	
Autoantibody Identification	

Cyclic Citrullinated Peptide Antibodies (CCP)

The EQA program Cyclic Citrullinated Peptide Antibodies (order code: CPP) is suitable for laboratories performing the detection of anti-CCP antibodies using immunoassays (e.g., ELISA, CLIA, ECLIA). Two EQA surveys are offered annually (Q2 and Q4), each including two serum samples for antibody titer assessment with qualitative and quantitative reporting.

Program	Cyclic Citrullinated Peptide Antibodies (CCP)
Scheme	2 surveys/year x 2 samples
Samples	Liquid samples (0,5 mL)
Assessed Parameters	Method(s)
anti-CCP (anti-cyclic citrullinated peptide)	Immunoassay (z.B. CLIA, ECLIA, ELISA)

Thyroid Antibodies (Anti-THYR)

The EQA program Thyroid Antibodies (order code: Anti-THYR) is suitable for laboratories performing the detection and characterization of thyroid autoantibodies (anti-TG, anti-TPO, and TSH-receptor antibodies) using immunoassays (e.g., ELISA, CLIA,

ECLIA). Two EQA surveys are offered annually (Q2 and Q4), each including two serum samples for antibody titer assessment with qualitative and quantitative reporting.

Program	Thyroid Antibodies (Anti- THYR)
Scheme	4 surveys/year x 2 samples
Samples	Liquid samples (0,5 mL)
Assessed Parameters	Method(s)
anti-TG	Immunoassay (e.g. CLIA, ECLIA, ELISA, RIA)
anti-TPO	
TSH-Receptor Antibodies	

ESfEQA Reports & Certificates

Reports with detailed statistical information are provided as PDF-files to each participant via the TEQA 2.0 web application. This includes an assessment of the laboratory performance in comparison to the target values and to the results of participants that have used the same, but also other analytical devices. Moreover, the reports contain specific comments on the evaluation and conclusions for a better understanding of the survey results. Reports are made available within 3 weeks after the closing date for result submission.

Benefits of ESfEQA Autoimmunity Programs

- Accredited according to ISO/IEC 17043 (Anti-THYR and CCP).
- Stable control material with storage at 2 - 8°C.
- High commutability of control material for detection with various methods and instruments.