



ESfEQA REPORT INTERPRETATION

EXPLANATION MANUAL FOR SURVEY REPORTS AND
STATISTICAL EVALUATIONS



EXTERNAL QUALITY ASSESSMENT BY ESfEQA

Quality Standards in Medical Laboratories

A high standard of quality is essential for every medical laboratory, as laboratory test results form the basis for medical decisions and have an important impact on patient care and treatment.

There are different approaches to maintaining and improving quality in medical laboratories. **ESfEQA supports laboratories in assessing the quality of their analytical results and continuously improving their performance through well-designed External Quality Assessment (EQA) programs.**

ESfEQA was founded in Heidelberg, Germany, in 2013 and is accredited according to the international standard **ISO 17043:2023** by the German national accreditation body DAkkS. Since its foundation, ESfEQA has continuously expanded its programme portfolio as well as the number of participating laboratories and distributors worldwide. Today, ESfEQA offers more than **130 quantitative, qualitative and educational EQA programs** covering areas such as biochemistry, haematology, immunoassays, microbiology and molecular diagnostics.

TEQA 2.0 – A Modernized EQA Platform

The continuous and significant growth in distributors, EQA programs and participating laboratories has created new requirements for the management of EQA activities. TEQA 2.0 has been developed to meet the current needs of distributors, participants and the ESfEQA team, providing a more efficient, intuitive and user-friendly experience. Key improvements include:

- **Improved configuration workflow** – methods can be preselected for each analyte, while instrument selection is streamlined into two steps: manufacturer and model type.
- **Modernized user interface** – a more intuitive environment for managing EQA participation and results.
- **Automated account activation** – access to TEQA 2.0 is automatically activated when EQA surveys are ordered.
- **Multilingual support** – the platform is available in English, Spanish and German. The addition of more language is in progress.
- **Flexible instrument management** – participants can add and manage multiple instruments within a program, as applicable.

Participants submit their results and access the corresponding EQA reports through TEQA 2.0 ESfEQA evaluates participants' results in accordance with **ISO 13528** and provides the corresponding reports electronically through the platform. Reports from previous surveys remain accessible in the TEQA 2.0 database, allowing participants to review and download their historical results when required.

External Quality Assessment Reports

This manual is intended to help participants understand and interpret ESfEQA survey reports and statistical evaluations. The reports are designed to provide detailed information on laboratory performance, helping participants assess their results, identify potential areas for improvement and monitor performance over time.

ESfEQA reports compare laboratory results with those obtained by other laboratories using the same analytical system, including the same instrument or reagent, while also providing information for comparison with other instruments and analytical methods. This broader comparison is important because the medical interpretation of laboratory results is generally independent of a particular instrument, method or reagent brand.

In addition to detailed statistical information, ESfEQA reports include a summary of laboratory performance at a glance, providing a quick overview of the main results and performance indicators. The reports for quantitative analytes, for example in Clinical Chemistry, Hormones or Haematology, consist of several sections. The structure and interpretation of each section are described in the following chapters of this manual.

Participants receive their survey reports electronically as PDF files through TEQA 2.0. Reports can be downloaded, saved electronically or shared as required. Although individual pages or sections may be printed, the reports are primarily designed for digital use within the TEQA 2.0 platform.



ESfEQA PROGRAMS

BIOCHEMISTRY

Blood Gas and Electrolytes, Cardiac Marker, Cardiac Marker POCT, Clinical Chemistry, Coagulation, Co-Oximetry, CSF Diagnostics, Drugs of Abuse, Ethanol Ammonia and Bicarbonate, Fecal Occult Blood, Glucose POC - Whole Blood, Glycated Hemoglobin (HbA1c), Lipids, Prothrombin Time (INR-POCT), Qualitative Urine Analysis (Urine stick), Therapeutic Drugs, Urine Chemistry, Urine Sediment for Light Scattering Methods, Urine Sediment for Microscopic Methods.

HEMATOLOGY

Blood Grouping, Erythrocyte Sedimentation Rate, Erythrocyte Sedimentation Rate for Alifax Analysers, Erythrocyte Sedimentation Rate for Mindray, Hemogram, Hemogram incl. 3-part Diff., Hemogram incl. 5-part Diff., Immunoematology.

IMMUNOASSAYS

Antinuclear Antibodies, Cyclic Citrullinated Peptide Antibodies, hCG in Serum, Hormones, Procalcitonin, Specific Proteins, Thyroid Antibodies, Tumor Markers, Tumor Markers & Hormones.

MOLECULAR DIAGNOSTICS

HBV Molecular, HCV Molecular HIV Molecular Human Papilloma Virus Molecular Respiratory Pathogens Molecular Sexually Transmitted Infections Molecular

MICROBIOLOGY

Adenovirus & Rotavirus Stool Antigen, Adenovirus Serology, Aspergillus Fumigatus Serology, Aspergillus Galactomannan Antigen, Bacteriology, Bacteriology Blood Culture, Bacteriology Urine Culture, Bordetella Serology, Borrelia IgG Antibody Index, Borrelia IgM Antibody Index, Borrelia Serology, Brucella Serology, Chagas Serology, Chikungunya Virus Serology, Chlamydia Trachomatis Serology, Clostridium difficile Stool Antigen, Coxsackievirus Serology, Dengue Virus Antibodies, Dengue Virus NS1 Antigen, ECHO Virus Serology, Enterovirus Serology, Epstein-Barr Virus Serology, Helicobacter Pylori Antibodies, Helicobacter Pylori Antigen, Hepatitis A Virus Serology, Hepatitis B Virus Serology, Hepatitis E Virus Serology, HIV Antibodies and Antigen, HTLV I/II, Infectious Disease Combination Control (HBV, HCV, HIV) Serology, Influenza A Virus Serology, Influenza B Virus Serology, Legionella Pneumophila Antibodies, Leptospira Serology, Malaria Microscopy, Measles Serology, Mycoplasma Antibodies, Norovirus Stool Antigen, Parainfluenza Virus Serology, Parvovirus B19 Serology, Respiratory Syncytial Virus Serology, Respiratory Viral Antigen Detection, SARS-CoV-2 Antigen, SARS-CoV-2 Serology, Streptococcus A Antigen, Syphilis Serology, TBEV IgG Antibody Index, TBEV IgM Antibody Index, ToRCH Serology, Varicella Zoster Virus Serology, West Nile Virus Serology, Zika Virus Serology.

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Cover Page

**Final Report for Clinical Chemistry 12,
Survey 08, Cycle 2026**

Final Report CC12_2026_08_a, Version 001

ANALYTE		Evaluation	Number of results	Target value	robust CV (%)	σ_{pt}	U	Lab Result	Z-Score	BIAS [%]
Albumin (CC) g/L	General	569	37.6 (A)	5.14	2.50 (S)	0.102			0.55	3.64
	Instrument	159	38.4 (A)	3.03	2.56 (S)	0.116		38.92	0.19	1.25
	Method	479	37.6 (A)	4.82	2.51 (S)	0.105			0.51	3.43
ALP Alkaline Phosphatase U/L	Method	406	79.3 (A)	11.3	6.00 (S)	0.554			3.93	29.77
	Instrument-Method	142	74.9 (A)	5.73	6.00 (S)	0.450		102.9	4.67	37.41
alpha-Amylase U/L	General	407	79.7 (A)	9.02	8.33 (S)	0.445			0.97	10.15
	Instrument	136	79.2 (A)	2.99	8.33 (S)	0.254		87.8	1.03	10.85
ALT (GPT) U/L	Method	364	53.3 (A)	8.94	4.44 (S)	0.312			-1.15	-9.58
	Instrument-Method	100	50.9 (A)	5.68	4.25 (S)	0.362		48.2	-0.65	-5.39
AST (GOT) U/L	Method	362	42.7 (A)	8.02	2.99 (S)	0.225			-0.84	-5.88
	Instrument-Method	94	40.4 (A)	4.94	2.83 (S)	0.257		40.2	-0.07	-0.52
Bilirubin Direct $\mu\text{mol/L}$	General	624	14.7 (A)	15.5	1.47 (S)	0.115			0.13	1.27
	Instrument	172	15.4 (A)	11.4	1.47 (S)	0.167		14.9	-0.31	-2.99
	Method	56	14.9 (A)	13.2	1.47 (S)	0.335			-0.01	-0.09
Bilirubin Total $\mu\text{mol/L}$	General	662	27.0 (A)	13.5	1.98 (S)	0.178			-0.08	-0.58
	Instrument	174	24.8 (A)	5.56	1.82 (S)	0.131		26.8	1.07	7.87
Iron (Fe) $\mu\text{mol/L}$	General	368	16.0 (A)	6.58	2.00 (S)	0.0686			2.52	31.51
	Instrument	127	16.1 (A)	4.62	2.00 (S)	0.0833		21	2.44	30.26
Chloride (Cl) mmol/L	General	431	98.7 (A)	4.36	2.67 (S)	0.260			-1.71	-4.62
	Instrument	34	98.8 (A)	2.72	2.67 (S)	0.575		94.1	-1.76	-4.74
Cholesterol mmol/L	General	666	3.78 (A)	4.89	0.217 (S)	0.00894			-0.39	-2.26
	Instrument	166	3.76 (A)	2.93	0.217 (S)	0.0107		3.69	-0.33	-1.92
CK Creatin kinase U/L	General	324	148 (A)	15.2	7.39 (S)	1.57			1.06	5.3
	Instrument	122	161 (A)	3.50	8.06 (S)	0.639		155.7	-0.68	-3.4
	Reagent	130	161 (A)	3.71	8.05 (S)	0.654			-0.65	-3.23

- ## ESfEQa REPORT INTERPRETATION

Evaluation	Number of results	Target value AlgoA	robust CV (%)	σ_{pt} set by coordinator	Uncertainty	Lab Result	Z-Score	BIAS [%]	
General	722	1.29	9.71	0.0814	—	0.00582	1.24	-0.56	-3.54
Method	359	1.26	8.33	0.0800	—	0.00696		-0.28	-1.78
Instrument-Method	122	1.24	5.17	0.0788	—	0.00731		-0.06	-0.37

STRUCTURE OF ESfEQA REPORTS

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Statistical Comparison (for quantitative surveys)

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5

Shewhart chart



 European Society for

 External Quality Assessment

CC12 / Clinical Chemistry 12

LAB ESFEQA TEST

XI5234

Creatinine - mg/dL

08/09/2026

LABORATORY CODE

ANALYTE

DISPATCH

INSTRUMENT GROUP: ROCHE Cobas (c, e, ISE module) | INSTRUMENT: ROCHE Cobas c 503 | METHOD: Jaffe (Picrate) | REAGENT: ROCHE Reagent

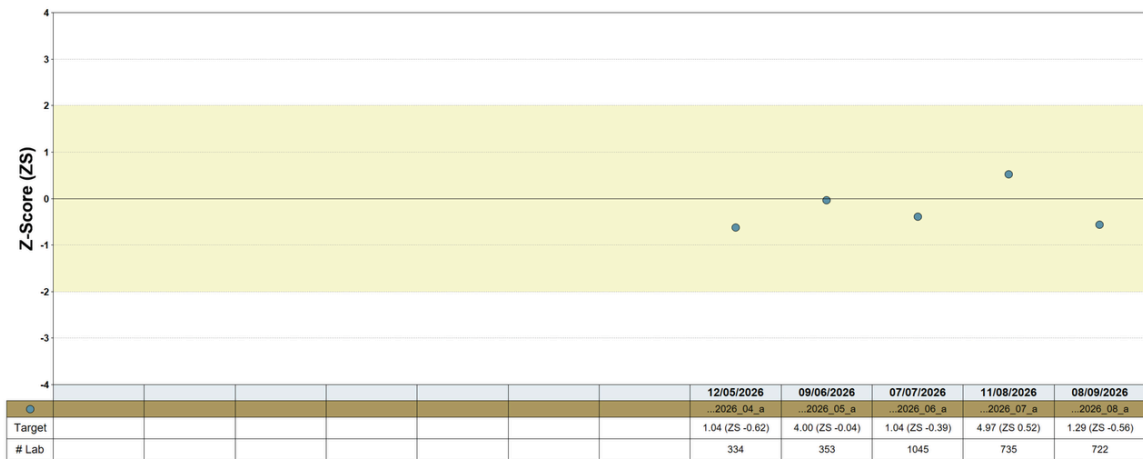
11/09/2026 / 1

LAB CONFIGURATION

PROCESSING DATE / VERSION

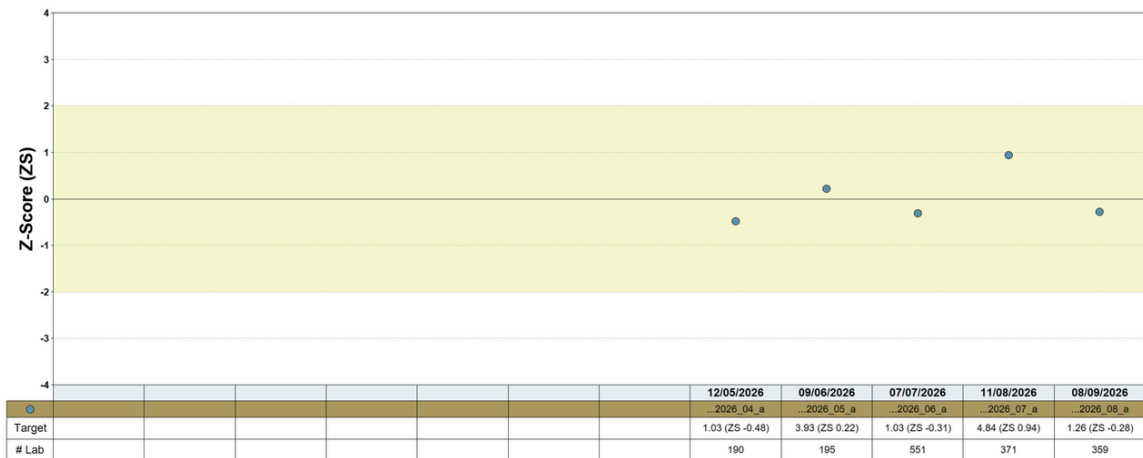
SHEWHART

General



	12/05/2026	09/06/2026	07/07/2026	11/08/2026	08/09/2026
Target	1.04 (ZS -0.62)	4.00 (ZS -0.04)	1.04 (ZS -0.39)	4.97 (ZS 0.52)	1.29 (ZS -0.56)
# Lab	334	353	1045	735	722

Method



	12/05/2026	09/06/2026	07/07/2026	11/08/2026	08/09/2026
Target	1.03 (ZS -0.48)	3.93 (ZS 0.22)	1.03 (ZS -0.31)	4.84 (ZS 0.94)	1.26 (ZS -0.28)
# Lab	190	195	551	371	359

STRUCTURE OF
ESfEQA REPORTS

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Summary Page (for qualitative surveys)

ESfEQA European Society for External Quality Assessment INF4 / Infectious Disease Combination Control 4			
LAB ESFEQA TEST XI5234 18/05/2026 03/06/2026 / 1			
LABORATORY CODE DISPATCH PROCESSING DATE / VERSION			
REPORT SUMMARY			
sample: INF4_2026_02_a			
ANALYTE	Lab Result	Expected Result(s)	Evaluation
anti-HCV	negative	negative	Passed
anti-HIV / p24 antigen	negative	negative	Passed
sample: INF4_2026_02_b			
ANALYTE	Lab Result	Expected Result(s)	Evaluation
anti-HCV	negative	negative	Passed
anti-HIV / p24 antigen	positive	positive	Passed

- Summary of Qualitative Results
- Evaluation approval

7

Analyte-specific Information (for qualitative surveys)

ESfEQA European Society for External Quality Assessment INF12 / Infectious Disease Combination Control 12			
LAB ESFEQA TEST XI5234 anti-HCV 07/07/2026			
LABORATORY CODE ANALYTE DISPATCH			
INSTRUMENT GROUP: ROCHE Cobas (c, e, ISE module) INSTRUMENT: ROCHE Cobas e 601 METHOD: Electrochemiluminescence (ECLIA) REAGENT: ROCHE Reagent 13/07/2026 / 1			
LAB CONFIGURATION PROCESSING DATE / VERSION			
sample: INF12_2026_06_a			
Expected Result(s): positive			
Lab Result: positive			
Evaluation	positive	borderline	negative
General	310	0	2
Instrument			
ABBOTT Alinity	20	0	1
DIASORIN LIAISON XL	17	0	0
MACCURA i-series	4	0	0
MINDRAY CL System	1	0	0
NONE - MANUAL TESTING	158	0	0
ORTHO CLINICAL DIAGNOSTICS Vitros	3	0	0
ROCHE Cobas (c, e, ISE module)	71	0	1
SIEMENS ATELICA	7	0	0
SIEMENS ATELICA IM 1300/1600	3	0	0
SNIBE MAGLUMI	25	0	0
YHLO iFlash	1	0	0
Method			
Chemiluminescence (CLIA/CMIA)	105	0	1
Electrochemiluminescence (ECLIA)	422	0	1
Immunochromatography	163	0	0

- Table of Qualitative Results
- Bar Chart for the Analyte

STRUCTURE OF ESfEQA REPORTS

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Cycle Report

This tool will be
implemented
soon.



- The Cycle Report allows the monitoring of the z-scores of all analytes over a selected time period. The Cycle Report can be retrieved and downloaded separately.

- 1

DAkKS : German national accreditation body
EA MLA – European recognition of accreditation
- 2

EQA Program Name
- 3

Study Coordinator
- 4

Sample ID: EQA_Frequency_Year_Event_Sample
Example: CC12_2026_08_a
 - CC = EQA name
 - 12 = frequency (12 = monthly, 4 = quarterly, 2 = semiannual)
 - 2026 = year
 - 08 = event number within the year
 - a/b/c/d = sample (monthly schemes have only sample a)See the EQA Catalogue for further details.
- 5

Deadline for data entry : Available in the current **Report Calendar** in the Esfeqa homepage.
- 6

Statistical Procedure : Accoding ISO 13528
- 7

Medical Relevance Ranges : For most quantitative analytes, ESfEQA, in collaboration with scientific advisors, defines a relative permissible deviation (in %) and, below a specified concentration threshold, an absolute permissible deviation (expressed in the analyte’s unit, e.g., U/L or mmol/L).
- 8

Sample name and version

1

EA

EUROPEAN
RECOGNITION

DAkKS

Deutsche
Akkreditierungsstelle
D-EP-19851-01-00

ESfEQA

European Society for
External Quality Assessment

2

Final Report for Clinical Chemistry 12,
Survey 08, Cycle 2026

1. GENERAL REMARKS

EQA Provider:

Study Coordinator:

Sample:

Deadline for data entry:

ESfEQA Heidelberg, Germany
Dr. Dieter Groche, ESfEQA

CC12_2026_08_a

September 8th, 2026

The sample was lyophilized material that needed to be reconstituted according to the procedure described in the instructions for use.

The manufacturing and the homogeneity testing of the control were subcontracted by ESfEQA. The stability and homogeneity data of the sample were evaluated by ESfEQA. The sample was approved for use as control material by ESfEQA.

Individual EQA data is kept confidential.

The report is intended for the external quality assurance of your laboratory. This may not be published, passed on or used for purposes other than quality assurance without the written consent of ESfEQA.

2. STATISTICS

For the assessment of the laboratory performance, various results were merged into one group. Whenever possible, the results obtained by the same instrument and method (I, M group) were grouped. The minimum number of results for one group must be 5 results.

The target values were calculated as the robust mean (Algorithm A) of each group according to ISO 13528.

If the minimum number of 5 results was not obtained in the survey, the individual result has to be compared to the robust mean of the next larger group that could be evaluated. Usually, this is the group consisting of participants using the same method (M group) or the general group containing the results of all participants.

The permissible range for each analyte is derived from its medical relevance as well as the reference interval and is listed below.

Albumin	± 6 g/l up to 30 g/l; ± 20% > 30 g/l
ALP	± 18 U/l up to 80 U/l; ± 22% > 80 U/l
ALT/GPT	± 10 U/l up to 40 U/l; ± 25% > 40 U/l
Amylase	± 25 U/l up to 100 U/l; ± 25% > 100 U/l
Amylase pancreatic	± 6,3 U/l up to 25 U/l; ± 26% > 25 U/l
AST/GOT	± 8 U/l up to 40 U/l; ± 21% > 40 U/l
Bilirubin-conjugated	± 1,45 µmol/l up to 5 µmol/l; ± 29% > 5 µmol/l
Bilirubin-direct	± 1,45 µmol/l up to 5 µmol/l; ± 29% > 5 µmol/l
Bilirubin-total	± 4,4 µmol/l up to 20 µmol/l; ± 22% > 20 µmol/l
Bilirubin-unconjugated	± 4,4 µmol/l up to 20 µmol/l; ± 22% > 20 µmol/l
Calcium	± 0,25 mmol/l up to 2,5 mmol/l; ± 10% > 2,5 mmol/l
Calcium (ionized)	± 0,09 mmol/l up to 1 mmol/l; ± 9% > 1 mmol/l
CHE	± 1150 U/l up to 5000 U/l; ± 23% > 5000 U/l
Chloride	± 8 mmol/l up to 100 mmol/l; ± 8 % > 100 mmol/l
Cholesterol	± 0,65 mmol/l up to 5 mmol/l; ± 13% > 5 mmol/l
CK	± 15 U/l up to 100 U/l; ± 15% > 100 U/l
Creatinine	± 19 µmol/l up to 100 µmol/l; ± 19% > 100 µmol/l
Copper	± 36%
γ-GT	± 8,4 U/l up to 40 U/l; ± 21% > 40 U/l
Glucose	± 0,75 mmol/l up to 5 mmol/l; ± 15% > 5 mmol/l
HDL	± 0,16 mmol/l up to 0,8 mmol/l; ± 20% > 0,8 mmol/l
Iron	± 6 µmol/l up to 25 µmol/l; ± 24% > 25 µmol/l
Lactate	± 0,36 mmol/l up to 2 mmol/l; ± 18% > 2 mmol/l
LDH	± 45 U/l up to 250 U/l; ± 18 % > 250 U/l
LDL	± 0,4 mmol/l up to 2 mmol/l; ± 20% > 2 mmol/l
Lipase	± 16 U/l up to 60 U/l; ± 27% > 60 U/l
Lithium	± 0,38 mmol/l up to 2 mmol/l; ± 19% > 2 mmol/l
Magnesium	± 0,163 up to 1,25 mmol/l; ± 13% > 1,25 mmol/l
Phosphate	± 0,12 mmol/l up to 0,75 mmol/l; ± 16% > 0,75 mmol/l
Potassium	± 0,32 mmol/l up to 4 mmol/l; ± 8% > 4 mmol/l

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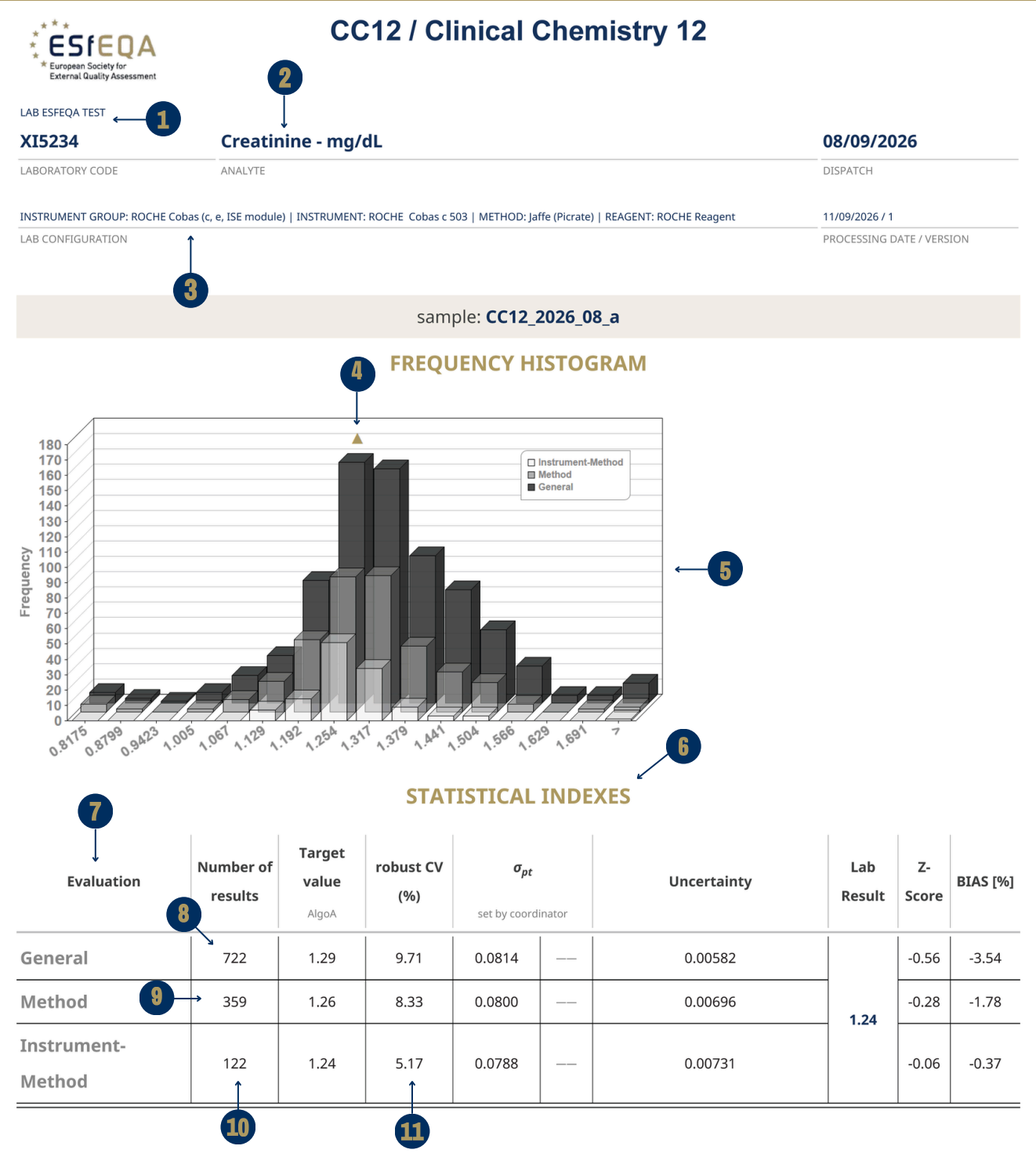
ESfEQA REPORT INTERPRETATION

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ESfEQA REPORT INTERPRETATION

Analyte Specific Information
(quantitative surveys)

In this section of the report, a Frequency Histogram, Statistical Indices and Statistical Comparison Data are provided.



Statistical Comparison
(quantitative surveys)

LAB ESFEQA TEST

XI5234

Creatinine - mg/dL

08/09/2026

LABORATORY CODE

ANALYTE

DISPATCH

INSTRUMENT GROUP: ROCHE Cobas (c, e, ISE module) | INSTRUMENT: ROCHE Cobas c 503 | METHOD: Jaffe (Picrate) | REAGENT: ROCHE Reagent

11/09/2026 / 1

LAB CONFIGURATION

PROCESSING DATE / VERSION

sample: CC12_2026_08_a

Statistical Comparison

Evaluation	Number of results	Target value AlgoA	σ_{pt} set by coordinator	Uncertainty *	robust CV (%)	
General						
1 General	722	1.29	0.0814	—	0.00582	9.71
Method						
2 Dry chemistry	32	1.40	0.0885	—	0.0399	12.9
3 Enzymatic	178	1.34	0.0848	—	0.0104	8.32
4 GOD-PAP	7	1.36	0.0863	—	0.0874	13.6
5 Jaffe (Picrate)	359	1.26	0.0800	—	0.00696	8.33
6 Jaffe compensated (kinetic)	70	1.23	0.0780	—	0.0149	8.03
7 Other	76	1.26	0.0799	—	0.0237	13.0
Instrument-Method						
8 ABBOTT Alinity Enzymatic	8	1.24	0.0784	—	0.0208	3.79
9 ABBOTT Architect Enzymatic	10	1.24	0.0783	—	0.00805	1.65
10 ABBOTT Architect Jaffe (Picrate)	8	1.28	0.0814	—	0.0215	3.78
11 BECKMAN COULTER AU Enzymatic	18	1.43	0.0904	—	0.0495	11.8
12 BECKMAN COULTER AU Jaffe (Picrate)	29	1.20	0.0758	—	0.0232	8.35
13 BECKMAN COULTER AU Jaffe compensated (kinetic)	8	1.23	0.0782	—	0.0499	9.14
14 BIOSYSTEMS Jaffe (Picrate)	10	1.25	0.0794	—	0.0573	11.6
15 BIOTECNICA INSTRUMENTS BT Series Jaffe (Picrate)	6	1.29	0.0817	—	0.0858	13.0
16 DIASYS Respons Series	7	1.35	0.0855	—	0.0594	9.32

Statistical Comparison

The table STATISTICAL COMPARISON indicates the number of results, the target value, the σ_{pt} , the uncertainty of the calculated target value and the robust CV for each evaluated group for all the brands that participated

Shewhart chart



LAB ESFEQA TEST

XI5234

CC12 / Clinical Chemistry 12

Creatinine - mg/dL

08/09/2026

LABORATORY CODE

ANALYTE

DISPATCH

INSTRUMENT GROUP: ROCHE Cobas (c, e, ISE module) | INSTRUMENT: ROCHE Cobas c 503 | METHOD: Jaffe (Picrate) | REAGENT: ROCHE Reagent

11/09/2026 / 1

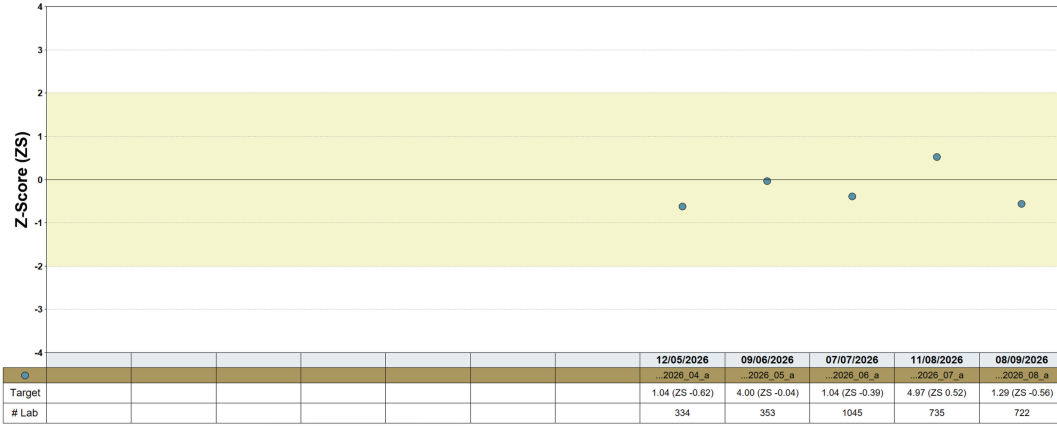
LAB CONFIGURATION

PROCESSING DATE / VERSION

SHEWHART

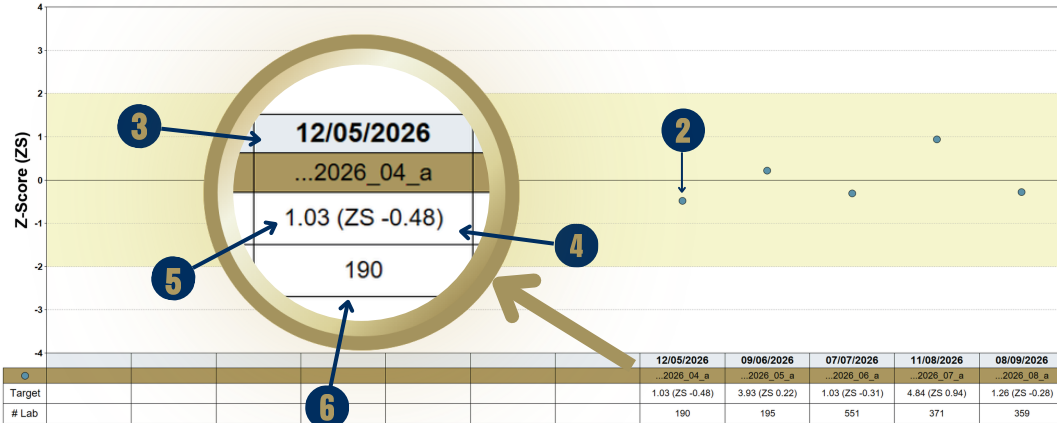
1

→ General



	12/05/2026	09/06/2026	07/07/2026	11/08/2026	08/09/2026
Target	1.04 (ZS -0.62)	4.00 (ZS -0.04)	1.04 (ZS -0.39)	4.97 (ZS 0.52)	1.29 (ZS -0.56)
# Lab	334	353	1045	735	722

Method



	12/05/2026	09/06/2026	07/07/2026	11/08/2026	08/09/2026
Target	1.03 (ZS -0.48)	3.93 (ZS 0.22)	1.03 (ZS -0.31)	4.84 (ZS 0.94)	1.26 (ZS -0.28)
# Lab	190	195	551	371	359

Shewhart Chart

The SHEWHART CHART displays the z-scores of up to 12 previous surveys for the selected analyte of the EQA scheme, for all the evaluated groups in this example (General and Method)

- 1 Group of comparison
- 2 The participant's result plotted as a z-score
- 3 Sample name and deadline
- 4 Target value for the comparison group in this example (Method group = 1,03 mg/dL)
- 5 Participant Z-score ($Z_s = -0,48$)
- 6 Number of participants in that group (Method: Jaffe Picrate = 190)

Summary Page
(qualitative surveys)

ESfEQA

European Society for
External Quality Assessment

LAB ESFEQA TEST

XI5234

US4 / Qualitative Urine Analysis

(Urine Stick) 4

18/05/2026

14/07/2026 / 2

LABORATORY CODE

DISPATCH

PROCESSING DATE / VERSION

REPORT SUMMARY

sample: US4_2026_02_a

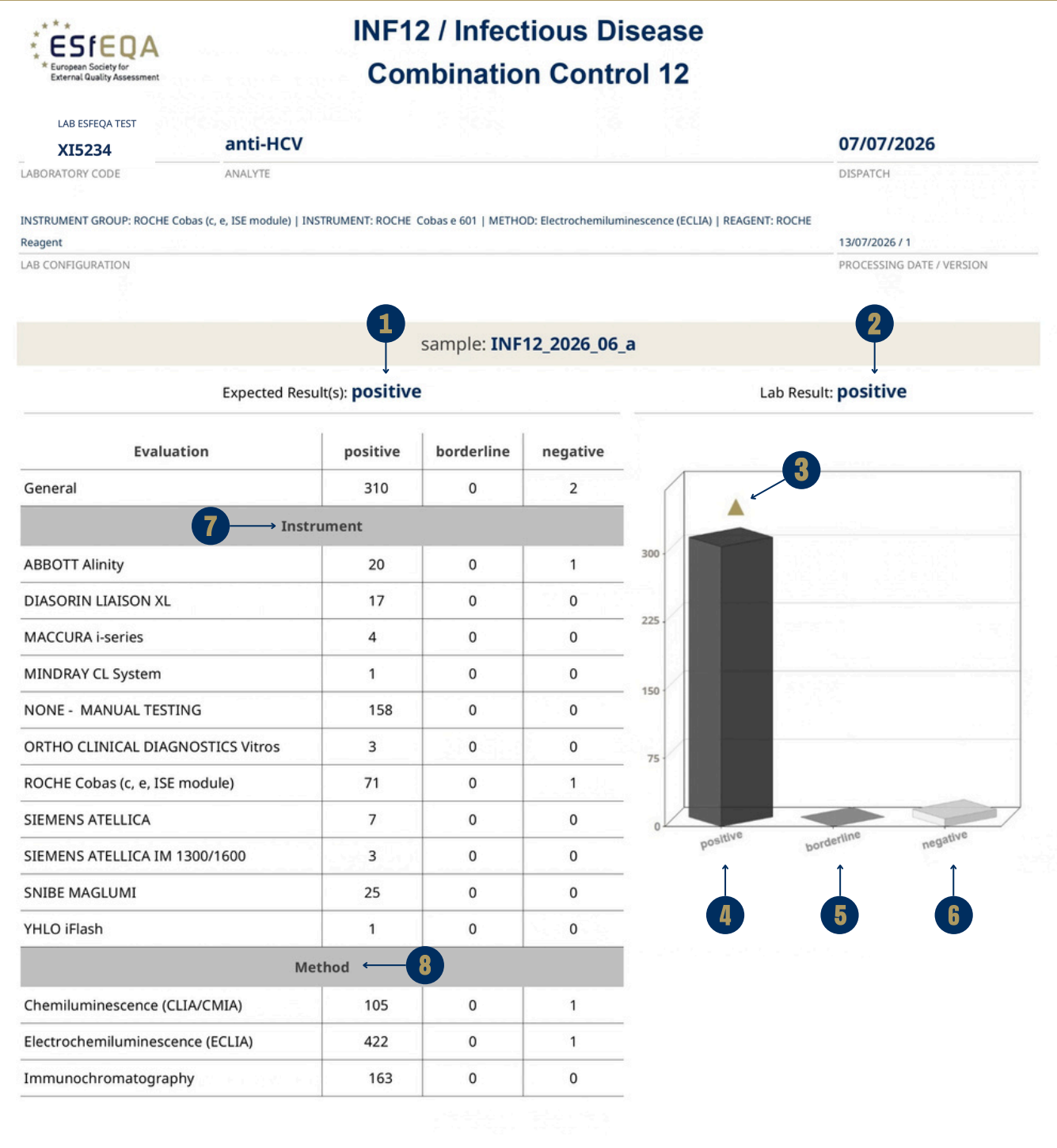
ANALYTE	Lab Result	Expected Result(s)	Evaluation
Bilirubin	negative	negative	Passed
Blood/Erythrocytes/Hemoglobin	negative	negative	Passed
Glucose	negative	negative	Passed
Ketone bodies	negative	negative	Passed
Leukocytes	negative	negative	Passed
Nitrite	Negative	Negative	Passed
1 → pH	2 → 6,0	5,0 5,5 6,0 3	4 Passed
Protein, total	negative	negative	Passed
Specific Gravity	1,030	1,015 1,020 1,025	Not Passed
Urobilinogen	< 30 µmol/l (< 2 mg/dl)	< 30 µmol/l (< 2 mg/dl)	Passed

IMPORTANT: A certificate of successful participation for each individual analyte is issued if the lab results for all samples of this survey are identical to the expected result.

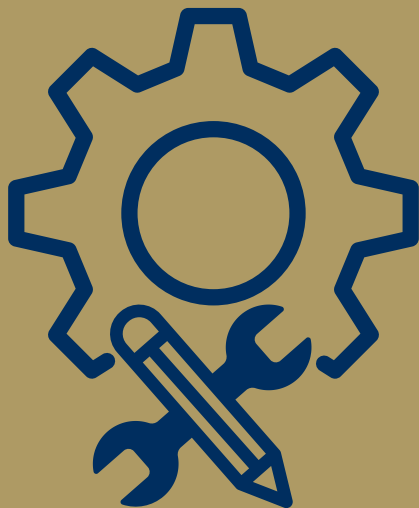
Report Summary

- 1 Analyte
- 2 Participant result
- 3 Expected result = Defined by ESfEQA; generally derived from sample pre-distribution assay results and may include more than one option
- 4 Result evaluation: if the laboratory result matches the expected result, the evaluation is 'Passed'; if the laboratory result differs from the expected result, the evaluation is 'Not Passed'

Analyte Specific Information
(qualitative surveys)



Currently under
development



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