

PARTICIPANT INFORMATION: CERTIFICATES OF PARTICIPATION

1. A Certificate of Participation for each scheme year is issued to each qualifying laboratory after the results for all EQA schemes for that scheme year have been finalised.
2. All qualifying participants are notified by email when the Certificates are published.
3. To qualify to receive a Certificate of Participation your laboratory must have:
 - 3.1 Registered for one or more full ERNDIM EQA schemes in the relevant scheme year. This excludes any pilot schemes and any full schemes for which the lab:
 - a. Is an Educational Participant,
 - b. Has formally withdrawn from,
 - c. Has been found to be, or has been strongly suspected of, colluding with another lab.
 - 3.2 Paid the ERNDIM invoice for the relevant scheme year before 1st September of that year.
 - 3.3 Supplied the contact details for the Head of Laboratory / Quality Manager contact.
4. It is essential that your own detailed annual reports for each scheme are referred to alongside your certificate. For the Quantitative and Hybrid schemes these are available from www.erndimqa.nl , and for the Qualitative schemes these are available from cscq.hcuge/cscq/ERNDIM or by contacting ERNDIM at admin@erndim.org.
5. For all schemes, a 'Yes' in the column 'Subscribed' means that you registered for that scheme.

6. Certificate Format

6.1 Quantitative (QT) and Hybrid (HY) Schemes

The certificate will show the full Quantitative and Hybrid EQA schemes that your laboratory registered for and the method sets specified for each of these. Each method set will be shown on a separate row.

6.1.1 Quantitative Results (QT & HY schemes)

For each of the method sets for an EQA scheme the certificate will show:

- a. The number of analytes included in the scheme.
- b. The number of analytes for you submitted results. This can range from 0 to the number of analytes included in the scheme, excluding any individual analytes selected for Educational Participation.
- c. The number of analytes for which you had satisfactory performance. This can range from 0 to the number of analytes for which you submitted results, excluding any individual analytes selected for Educational Participation.

6.1.2 Interpretation Results (HY schemes only)

For each of the method sets for an EQA scheme the certificate will show:


- a. The number of interpretations included in the scheme. This is the number of samples in the scheme for which you could have saved an interpretation.
- b. The number of interpretations for which the laboratory submitted results. This can range from 0 to the number of samples included in the scheme.
- c. If overall Interpretation performance was satisfactory. Performance criteria for each scheme can be found in the scheme instructions and annual report, all of which can be downloaded from www.erndim.org.

6.2 Qualitative (QL) Schemes

The certificate will show which full Qualitative EQA schemes:

- The laboratory registered for,
- The laboratory participated in, and
- The laboratory had satisfactory performance for. Performance criteria for each scheme can be found in the scheme instructions and annual report, all of which can be downloaded from www.erndim.org.

6.3 Example Certificate



Quality Assurance in Laboratory Testing for IEM

Certificate of Participation and Performance for 2024

This certificate is to confirm that: [ERNDIM]

participated in the following External Quality Assurance schemes organised by ERNDIM in 2024 and has achieved performance in the individual schemes as shown.

It is essential that the laboratory's own detailed annual reports for each scheme be referred to alongside this Certificate. For the Quantitative schemes these are available from www.erndimqa.nl and for the Qualitative schemes these are available from csq.hcuge.ch/csq/ERNDIM/ or by contacting ERNDIM at admin@erndim.org.


Quantitative and Hybrid Schemes

	Subscribed	Number of Analytes		
		Included in the scheme	For which results submitted (lab)	Satisfactory Performance
Acylcarnitines in Serum []	Yes	22	21	21
Amino Acids (serum) []	Yes	29	27	25
Cystine in White Blood Cells []	No	-	-	-
Cystine in White Blood Cells Interpretation []	No	-	-	-
Lipids in Serum []	No	-	-	-
Lysosomal Enzymes (fibroblasts) []	Yes	10	2	2
Neurotransmitters in CSF []	No	-	-	-
Neurotransmitters in CSF Interpretation []	No	-	-	-
Pterins in Urine []	No	-	-	-
Pterins in Urine Interpretation []	No	-	-	-
Purines and Pyrimidines (urine) []	No	-	-	-
Quantitative Organic acids (urine) []	Yes	27	3	3
Special Assays in Dried Blood Spots []	Yes	11	6	6
Special Assays Serum []	Yes	23	1	1
Special Assays Urine []	Yes	22	6	6

Qualitative Schemes

	Subscribed	Submitted Results	Satisfactory Performance
Amino Acids Interpretation (data only)	Yes	Yes	Yes
Congenital Disorders of Glycosylation (serum)	No	-	-
Diagnostic Proficiency Testing (urine)	Yes	Yes	No
Qualitative Acyl Carnitines (DBS)	Yes	Yes	Yes
Qualitative Organic Acids (urine)	Yes	Yes	Yes
Urine Mucopolysaccharides (urine)	Yes	Yes	Yes

Signed on behalf of ERNDIM, 28-03-2025



Dr R Artuch
Chair, ERNDIM Executive Committee

ERNDIM (European Research Network for evaluation and improvement of screening, diagnosis and treatment of inherited disorders of Metabolism, www.erndim.org) is a charitable foundation registered with the Maastricht chamber of Commerce (Registration number: 41078752) and coordinated by the ERNDIM Administration Office based in Manchester, UK by Manchester University NHS Foundation Trust and EMQN CIC.

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Important note: The complete history of this document including its author, authoriser(s) and revision date, can be found on Q-Pulse

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