

Haematological Neoplasms

- Various sample types
- Technical, analytical and interpretation
- 5 weeks to submit results
- Various techniques can be used
- All EQA samples validated
- Detailed instructions provided
- Results assessed by expert panel
- Marking criteria based on professional guidelines
- ISO17043 Accredited EQAs (where stated)

EQA	EQA Type	Sample Type	Required Testing	ISO17043 Accredited
Acquired array (CLL/MDS)	Technical, analytical and interpretation	Two DNA samples	Copy number analysis using array or NGS	✓
Acute Lymphoblastic Leukaemia (ALL)	Analytical and interpretation	Two online case scenarios	Analysis of G-band metaphases and FISH images	✓
Chronic Lymphocytic Leukaemia (CLL) IGHV mutation status (pilot)# *NEW*	Technical, analytical and interpretation	DNA and lyophilised cells	IGHV mutation status analysis	X
Chronic Lymphocytic Leukaemia (CLL) TP53 analysis (pilot)# *NEW*	Technical, analytical and interpretation	DNA and lyophilised cells	Detection of TP53 variants	X
Mature B&T cell neoplasms (G-banded)	Analytical and interpretation	Two online case scenarios	Analysis of G-band metaphases and FISH images	✓
Mature B&T cell neoplasms (CLL and lymphoma)	Technical, analytical and interpretation	Two fixed cell samples	FISH analysis for copy number and structural rearrangements	✓
Lymphoma	Technical, analytical and interpretation	Two FFPE samples	FISH analysis for copy number and structural rearrangements	X
Myeloid disorders	Analytical and interpretation	Two online case scenarios	Analysis of G-band metaphases and FISH images	✓
Myeloma	Technical, analytical and interpretation	Two cases including One-two fixed cell and/or DNA sample Or one online case scenario	FISH and/or array analysis of sample Or Analysis of FISH images	✓
Technical FISH (for acute leukaemia)	Technical, analytical	Two fixed cell samples	FISH analysis for copy number and structural rearrangements	X

#joint with UK NEQAS LI

For further information on these EQAs contact us at info@genqa.org
Please see overleaf for more EQA information
Email: info@genqa.org

2020 EQA



Collaboration between CEQAS and UK NEQAS Molecular Genetics
Members of UK NEQAS consortium

GenQA EQA Specialties

Molecular Genetic Disorders

Variant Classification and Interpretation

Molecular Pathology

Sample Handling: DNA extraction & quantification

Newborn Screening

Preimplantation Genetic Testing

Haematological Neoplasms

Technical: Next Generation Sequencing

Constitutional Postnatal Testing

Prenatal (including Non-Invasive) Testing

Clinical Genetics

Individual Competency Assessment (G-TACT / Tissue-i)

For further information, please contact us at info@genqa.org

The EQA Cycle

