

Postnatal Testing EQAs 2019

- Various sample types
- Technical, analysis and Interpretation required
- Various technique can be used
- 4-6 weeks to submit results
- All EQA samples validated
- Detailed instructions provided
- Results assessed by expert panel
- Marking criteria based on professional guidelines
- ISO17043 accredited

EQA	Type of EQA	Sample Type	Testing	Techniques	ISO17043 Accredited
Blood – Postnatal	Technical, analytical and interpretation	Online images	Whole genome analysis microscope	G-banded karyotype and FISH	✓
Chromosome Breakage syndromes	Technical, analytical and interpretation	Online Images	Chromosome breakage and mutations for Fanconi anaemia, Blooms, Ataxia Telangiectasia, Nijmegen syndrome	Chromosomal and molecular techniques	X
Constitutional Copy Number Variation (CNV) - Postnatal	Technical, analytical and interpretation	DNA	Whole genome analysis (CNV)	Array/NGS	✓
IPS Stem cells *PILOT*	Technical, analytical and interpretation	Online images	Whole genome analysis, microscope and CNV	G-banded and array	X
Severe developmental delay case scenario *PILOT*	Interpretation only	Online images	Multiple tests/assays to detect genomic causes of severe developmental delay	Test results supplied – may include whole genome analysis, microscope and CNV interpretation	X

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

GenQA EQA Specialties

Molecular Genetic Disorders

Molecular Rapid Aneuploidy (MRA)

Molecular Pathology

Sample Handling:
DNA extraction & quantification

Newborn Screening

Non-Invasive Prenatal Testing (NIPT)

Haematological Neoplasms

Technical:
Next Generation Sequencing

Constitutional Postnatal Testing

Constitutional Prenatal Testing

Clinical Genetics

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

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Registration for all GenQA EQAs for 2020 will open in September 2019

The EQA Cycle

