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

For further information on these EQAs contact us at info@genqa.org

Please see overleaf for more EQA information
Email: info@genqa.org

**Benchmark your laboratory against other laboratories and methods used**

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<table>
<thead>
<tr>
<th>EQA</th>
<th>Sample Type</th>
<th>Testing</th>
<th>ISO Accredited</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNA extraction from blood</td>
<td>Blood</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>DNA extraction from saliva</td>
<td>Saliva</td>
<td>Assessment of DNA quality and quantity extracted from different sample types</td>
<td>X</td>
</tr>
<tr>
<td>DNA extraction from Fresh frozen (FF) tissue</td>
<td>Fresh tissue</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>DNA extraction from Formalin-Fixed Paraffin Embedded (FFPE) tissue</td>
<td>Formalin-fixed paraffin embedded tissue (FFPE)</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>DNA quantification</td>
<td>DNA</td>
<td>DNA quality assessment and concentration measurement</td>
<td>X</td>
</tr>
</tbody>
</table>
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)

For further information, please contact us at info@genqa.org
Registration for all GenQA EQAs for 2020 will open in September 2019

The EQA Cycle

1. Receive EQA material
2. Analyse material using routine procedures
3. Upload results/ return DNA and proforma to GenQA
4. Quality analysis/ Expert evaluation of submissions
5. Compare laboratory performance (benchmark)
6. Education/Internal review/Quality improvement

www.genqa.org
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