


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS PROFICIENCY TESTING</p> <p>7872</p> <p>Accredited to ISO/IEC 17043:2010</p>	<p>Oxford University Hospitals NHS Foundation Trust, operating GenQA</p> <p>Issue No: 005 Issue date: 24 October 2018</p>	
	<p>Level 1, The Women's Centre John Radcliffe Hospital Oxford University Hospitals NHS Foundation Trust Oxford OX3 9DU</p>	<p>Contact: Dr Ros J Hastings Tel: +44 (0)1865 857 644 E-Mail: ros.hastings@ouh.nhs.uk Website: www.genQA.org</p>
Proficiency Testing provided from the locations specified below		

Locations covered by the organisation and their relevant activities

<u>Location details</u>	<u>Activity</u>	<u>Location code</u>
<p>GenQA Level1, The Women's Centre John Radcliffe Hospital Oxford University Hospitals NHS Trust Oxford OX3 9DU</p>	<p>Local contact Dr Ros J Hastings Contact details above</p>	<p>Scheme operations Cytogenomics</p> <p>JRH</p>
<p>GenQA Room 39 G 03 Nuffield Orthopaedic Centre Windmill Road Oxford OX3 7LD</p>	<p>Local contact Mrs Bettina Quellhorst-Pawley Email: bettina.qp@ouh.nhs.uk</p>	<p>QMS operations</p> <p>NOC</p>
<p>Genetics Laboratories Churchill Hospital Old Road Headington Oxford OX3 7HE</p>	<p>Local contact Dr Ros J Hastings Contact details above</p>	<p>Aliquotting of EQA samples only</p> <p>CH</p>
<p>Department of Laboratory Medicine Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh Midlothian EH16 4SA</p>	<p>Local contact Dr Sandi Deans Tel: 0131 242 6898 Email: Sandi.Deans@ed.ac.uk</p>	<p>Scheme operations - Molecular Laboratory services</p> <p>RIE</p>



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DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used	Location Code
	<u>Cytogenomics EQA Schemes</u>	All protocols available through www.genqa.org For all online EQA schemes: GenQA Online Analysis EQA User Guide	
Online images	Constitutional EQAs: Amniotic fluid Cytogenetic analysis of images and interpretation of results	Amniotic fluid instructions	JRH
Online Images	Blood (postnatal) Cytogenetic analysis of images and interpretation of results	Blood instructions	JRH
Online Images	CVS Cytogenetic analysis of images and interpretation of results	Chorionic villus samples instructions	JRH
Online images	Products of conception (G-banded) Cytogenetic analysis of images and interpretation of results	Products of conception & pregnancy loss (G-banded) instructions	JRH
Online images	PGD Blastomere FISH Analysis of FISH images and interpretation of results	Part 1: Pre-implantation genetic blastomere FISH case scenarios Part 2: Pre-implantation genetic blastomere online analysis instructions	JRH
Online images	Haemato-Oncology EQAs: Acute Lymphoblastic Leukaemia Cytogenetic analysis of images and interpretation of results	ALL instructions	JRH



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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used	Location Code
Online images	<u>Cytogenomics EQA Schemes</u> (cont'd) Mature B&T cell Neoplasms (G-banded) Cytogenetic analysis of images and interpretation of results	All protocols available through www.genqa.org Mature B&T cell Neoplasms (G-banded) instructions	JRH
Online images	Myeloid Cytogenetic analysis of images and interpretation of results	Myeloid instructions	JRH
Online images	Tumour Cytogenetic analysis of images and interpretation of results	Tumour instructions	JRH
DNA	Postnatal Constitutional CNV detection Technical ability to obtain a result on an array platform, analysis and interpretation of results	Postnatal Constitutional CNV detection instructions	JRH
Fixed cell suspensions	FISH Rapid Aneuploidy (prenatal) Technical ability to obtain a result using FISH, analysis and interpretation of results	Prenatal FISH RA instructions	JRH, CH
Fixed cell suspensions	Mature B&T cell Neoplasms (FISH only for CLL and lymphoma) Technical ability to obtain a result using FISH, analysis and interpretation of results	Mature B&T cell Neoplasms (FISH) instructions and laboratories instructions for fixed sample preparation	JRH, CH



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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used	Location Code
FFPE slides	<u>Cytogenomics EQA Schemes</u> (cont'd) CNS Tumours (formerly AMN) Technical ability to obtain a result using FISH, analysis and interpretation of results	All protocols available through www.genqa.org CNS Tumours (formerly AMN) FFPE instructions	JRH
DNA	Acquired Microarray Technical ability to obtain a result on an array platform, analysis and interpretation of results	Acquired microarray instructions	JRH
DNA	Prenatal Microarray Technical ability to obtain a result on an array platform, analysis and interpretation of results	Prenatal Microarray instructions	JRH
DNA	Products of conception (Array/MLPA/PCR/NGS) Technical ability to obtain a result on an array platform, analysis and interpretation of results	Products of conception instructions	JRH
Fixed Cell Suspensions / online images	Myeloma Technical ability to obtain a result using FISH, analysis and interpretation of results Cytogenetic analysis of images and interpretation of results	Myeloma instructions	JRH, CH



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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used	Location Code
DNA	<p><u>Molecular Genetics EQA Schemes:</u></p> <p>Core molecular diseases Achondroplasia <i>BRCA1</i> and <i>BRCA2</i> gene screen C9orf72 related Frontotemporal Dementia and/or Amyotrophic Lateral Sclerosis CADASIL Connexin 26 Cystic fibrosis Duchenne and Becker muscular dystrophies Fabrys disease Familial adenomatous polyposis Familial breast and ovarian cancer Familial hypercholesterolaemia Fragile X syndrome Friedreich ataxia Hereditary and motor sensory neuropathy and hereditary neuropathy with liability to pressure palsies Huntington disease Hypertrophic Cardiomyopathy Long QT syndrome Lynch syndrome / Hereditary non-polyposis colon cancer Marfan syndrome Maternal cell contamination and sexing <i>MUYTH</i>-associated polyposis Medium chain acyl CoA dehydrogenase deficiency Microsatellite instability testing [see also Molecular Pathology]</p>	<p>All protocols available through www.genqa.org</p>	RIE



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DNA (cont'd)	<u>Molecular Genetics Schemes</u> (cont'd) Core molecular diseases Mitochondrial diseases Molecular aneuploidy testing Multiple endocrine neoplasia types 2A & 2B Myotonic dystrophy Pathogenicity of sequence variants <i>POLG</i> mutation testing Prader-Willi and Angelman syndrome Rett syndrome Spinal bulbar muscular atrophy Spinal muscular atrophy Spinocerebellar ataxias Von Hippel-Lindau syndrome	All protocols available through www.genqa.org	RIE
Dried blood spots	Dried blood spot testing Cystic fibrosis (genotyping only) Medium chain acyl Co-A dehydrogenase deficiency (genotyping only)		RIE
DNA and lymphocytes	Pre-implantation genetic testing Monogenic disorders		RIE
Formalin fixed paraffin embedded (FFPE) tumour section or DNA	Molecular pathology Microsatellite instability testing Molecular analysis in colorectal cancer Molecular analysis in gastrointestinal stromal tumours Molecular analysis in lung cancer Molecular analysis in melanoma		RIE



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DNA	<u>Molecular Genetics Schemes</u> (cont'd) Molecular Rapid Aneuploidy (prenatal) Technical ability to obtain a molecular result for rapid detection of aneuploidies of chromosomes 13, 18, 21 , X and Y, analysis and interpretation of results	All protocols available through www.genqa.org Molecular Rapid Aneuploidy distribution letter	RIE
Blood	DNA extraction schemes DNA extraction from blood samples		RIE
FFPE tissue	DNA extraction from tissue samples		
END			