Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

4367

Accredited to ISO 17043:2010

EMQN C.I.C.

Issue No: 010 **Issue date:** 15 September 2022

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Proficiency Tests provided from the above address only

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Human DNA (from blood and/or lymphoblastoid cell lines)	**Molecular Genetics Schemes** - genotyping and result interpretation 11p Imprinting Disorders (BWS / SRS) Autosomal Dominant Polycystic Kidney disease (ADPKD) Hereditary Breast and Ovarian Cancer (Panel testing version) Hereditary Breast and Ovarian (BRCA1/BRCA2 targeted testing only) Cardiac Arrhythmia (Cardio ARR) Charcot-Marie-Tooth disease (CMT) and Hereditary Neuropathy with liability for pressure palsies (HNPP) Congenital Adrenal Hyperplasia (CAH) Duchenne / Becker Muscular Dystrophy (DMD / BMD) Polyposis syndromes; Familial adenomatous polyposis (FAP) and MUTYH-associated polyposis (MAP) Familial hypercholesteriolemia (FH) Fragile X Syndrome (FRAX)	See scheme catalogue available from www.emqn.org

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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Human DNA (from blood and/or lymphoblastoid cell lines) (cont'd)	**Molecular Genetics Schemes** - genotyping and result interpretation (cont'd) Friedreich Ataxia (FRDA) Hereditary Deafnesss (DFNB1) Hereditary Haemochomatosis (HFE) Hypertrophic Cardio myopathy (Cardiac HCM) Lynch syndrome (HNPCC) Systemic Autoinflammatory Diseases (SAID) Huntington Disease (HD) Mitochondrial DNA disorders (mtDNA) Monogenic Diabetes (MODY) Multiple Endocrine Neoplasia (Type 2) (MEN2) Myotonic Dystrophy (DM) Osteogenesis imperfect (OI) Phenylketonuria (PKU) Porphyrias (POR) Prader-Willi and Angelman syndromes (PWAS) Retinoblastoma (RB) RYR1 related Myopathies and Malignant Hyperthermia Short stature homeobox genes testing(SHOX) Spinal Muscular Atrophy (SMA)	See scheme catalogue available from www.emqn.org

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Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Human DNA (from blood and/or lymphoblastoid cell lines)	**Molecular Genetics Schemes** - genotyping and result interpretation (cont'd) Spinocerebellar Ataxias (SCA) Stickler Syndrome Von Hippel Lindau syndrome (VHL) Wilson Disease (WIL) Y-Chromosome Microdeletion testing (AZF)	See scheme catalogue available from www.emqn.org
Formalin fixed, paraffin embedded (FFPE) materials (from solid tissues and /or cell line reference materials)	**Molecular Pathology schemes** genotyping and result interpretation BRCA-Ovarian (Version Germline) BRCA-Ovarian (Version Somatic) Molecular testing in Melanoma (BRAF) Molecular testing in Lung cancer (EGFR) Molecular testing in Colorectal cancer (KRAS) Molecular panel testing for Oncogenes (PANEL)	See scheme catalogue available from www.emqn.org
Human DNA (from blood and/or lymphoblastoid cell lines)	**Technology focussed Molecular Genetic and Molecular Pathology schemes** Postnatal Constitutional CNV analysis (array/NGS) DNA Sequencing (Sanger Sequencing) (DNA-SEQ)	See scheme catalogue available from www.emqn.org
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