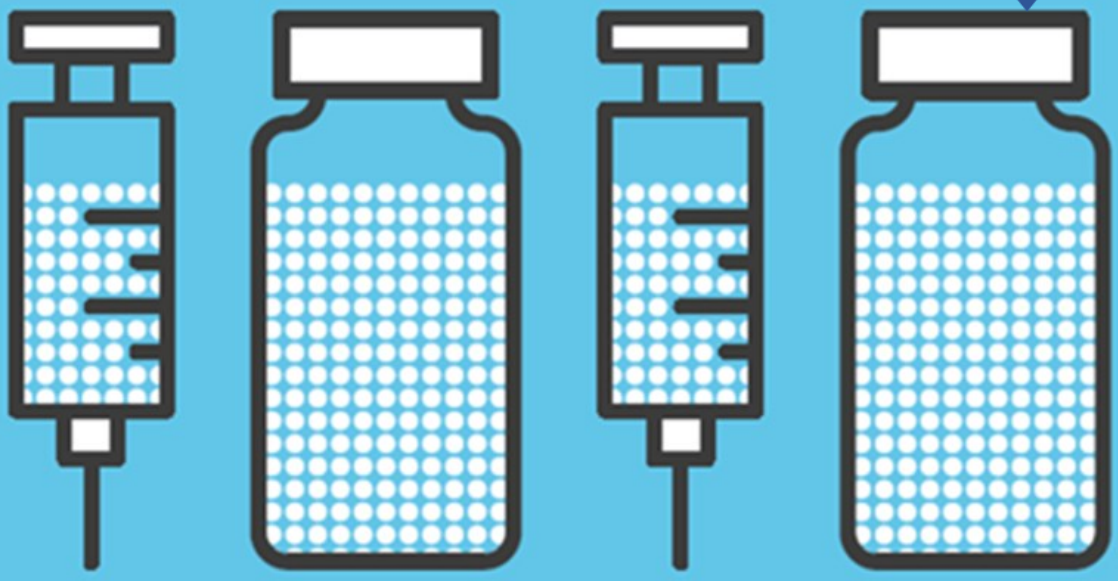
Services Available List

2021-2022

United Kingdom National External Quality Assessment Service

COVID-19 Programmes INCLUDED



UK NEQAS

International Quality Expertise

To find out more about our services visit our website: **www.ukneqas.org.uk**
or our twitter/LinkedIn page: **@UKNEQAS**

Who are UK NEQAS?

Our Mission:

Improving global diagnostic testing for the benefit of patients through quality assessment and education

For over 50 years members of UK National External Quality Assessment Service (UK NEQAS) have been the world leading providers of Clinical Laboratory External Quality Assessment (EQA)/Proficiency Testing (PT) programmes. At present UK NEQAS offers over 500 different EQA/PT programmes covering over 5000 unique analytes, ensuring full coverage of all aspects of clinical laboratory testing worldwide. These programmes support the delivery of accurate and precise clinical laboratory tests on patients regardless of where they are performed. Additionally, findings from UK NEQAS programmes support the identification of best practice amongst service users and are often used to produce national and international guidelines. This promotes the implementation of best practice procedures worldwide and benefits patient care on a global scale.

The EQA/PT services offered by UK NEQAS are continually developing in response to changes in clinical laboratory requirements, and innovation is an area in which UK NEQAS has always led. This has been highlighted recently with the COVID-19 pandemic, where the UK NEQAS consortium has developed several EQA/PT programmes. UK NEQAS rapidly deployed EQA/PT programmes with some achieving accreditations to ISO 17043:2021 in just 12 weeks from conceptual development. We now have a number of programmes which cover the detection and monitoring of COVID-19 along with several educational competency programmes for staff undertaking swabbing and sample handling. These programmes are listed in this brochure on a specific COVID-19 page for ease of identification.

Our EQA/PT services have always included assessment of the 'end-to-end' process of patient investigation, including interpretation of results, either in stand-alone programmes or integrated into standard exercises. These traditional EQA/PT services are enhanced by our Pre and Post Analytical Quality Monitoring service (known as PrepQ), in which we have established a true end-to-end system, allowing laboratories to monitor pre and post analytical issues to support the requirements of ISO 15189.

UK NEQAS EQA/PT services are provided by expert centres in 11 cities around the UK, with each covering a specific area of clinical laboratory EQA/PT. These centres form the UK NEQAS Consortium, a not-for-profit company limited by guarantee and a UK Registered Charity (no: 1044013). To ensure the provision of high quality and independent EQA/PT services every UK NEQAS member centre has no commercial interests, is staffed by a dedicated team of EQA/PT specialists, operates on a strict not-for-profit basis, is accredited to ISO 17043, and operates programmes specifically designed to improve patient care.

At UK NEQAS we are committed to the provision of EQA/PT services that support the continual improvement of healthcare services by

- providing education
- facilitating clinical audit
- monitoring clinical effectiveness
- assisting in the management of risk
- generating information used for research and development

By providing EQA/PT that fulfil these requirements, members of the UK NEQAS Consortium support laboratories in the accurate and precise delivery of their services ensuring patients receive the highest quality diagnostic testing wherever in the world they may be.

The worldwide partnerships between UK NEQAS and laboratories are ultimately for the benefit of patients and we are proud to support high quality healthcare through these relationships. We realise that there is always work required to develop EQA/PT systems, we are committed to undertake this process and always welcome feedback and suggestions on how we can improve our services.

Thank you for your continuing support of UK NEQAS.

UK NEQAS President

Contents

Cellular Pathology

Cellular Pathology Technique
Tel: +44 (0) 191 816 1030
Email: cpt@ukneqas.org.uk
Legal Entity: LabXCell LTD
Services Available
Tissue Diagnostics
Specialist Techniques
Bone Marrow Trephine Biopsy (BMT)
Diagnostic Cytopathology
Direct Immunofluorescence (DIF)
Mohs' Procedure
Muscle Histochemistry
Neuropathology
Renal Biopsy Pathology
Transmission Electron Microscopy (TEM)
Frozen Section (Companion Scheme to Specialist Techniques and Neuropathology)
Mega Block (Companion Scheme to Specialist Techniques and Neuropathology)
Digital Interpretative Diagnostic Cytopathology
Digital Diagnostic Ultrastructural Pathology*
Digital Pathology Imaging*

Head and Neck Pathology
Tel: +44 (0) 121 371 5723
Email: neckpath@ukneqas.org.uk
Legal Entity: British Society for Oral & Maxillofacial
Services Available
Head and Neck Pathology (Oral, ENT & Combined)

Neuropathology
Tel: +44 (0) 1865 234 904
Email: neuropath@ukneqas.org.uk
Legal Entity: Oxford University Hospitals NHS Foundation Trust
Services Available
Neuropathology Interpretative EQA Scheme

Immunocytochemistry & In-Situ Hybridisation	
Tel: +44 (0) 208 187 9174	
Email: info@ukneqasiccish.org	
Legal Entity: External Quality Assessment Services for Cancer Diagnostics CIC	
Services Available	
Immunocytochemistry	Alimentary Tract Pathology (GIST)
	Breast Pathology (HER2 IHC)
	Breast Pathology (Hormonal Receptors ER & PR)
	Breast Pathology (Hormonal Receptors ER only)
	Cytopathology
	Gastric HER2 IHC
	General Pathology
	Lymphoid Pathology
	Mismatch Repair (MMR) Proteins
	Neuropathology
	Non-Small Cell Lung Cancer (NSCLC) ALK IHC
	Non-Small Cell Lung Cancer (NSCLC) PD-L1 IHC*
	Non-Small Cell Lung Cancer (NSCLC) ROS1 IHC*
	Triple Negative Breast Cancer (TNBC) PD-L1 IHC*
In-Situ Hybridisation	Breast HER2 ISH (Interpretive and Technical)
	Non-Small Cell Lung Cancer (NSCLC) ALK ISH*
	Non-Small Cell Lung Cancer (NSCLC) ROS1 FISH*

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Clinical Chemistry

Birmingham Quality
Tel: +44 (0) 121 414 7300
Email: birminghamquality@uhb.nhs.uk
Legal Entity: University Hospitals Birmingham NHS Foundation Trust
Services Available
Antibiotic Assays
Antifungal Assays
Clinical Chemistry
Colorectal Cancer Screening
Erythropoietin
Faecal Haemoglobin
Faecal Markers
Faecal Pancreatic Elastase
Fluids
Fructosamine
GFR Estimations (Creatinine, Cystatin C & eGFR)
Glycated Haemoglobins
Haematinics
Holotranscobalamin
Immunosuppressants
Interpretative Comments in Clinical Chemistry
Intrinsic Factor Antibodies
Lipid Investigations
Newborn Screening
Paediatric Bilirubin
Quantitative Amino Acids
Serum Indices (HIL)
Specific Proteins
Steroid Hormones
Sweat Testing
Thyroglobulin
Thyroid Hormones
Toxicology (TOX) and Therapeutic Drug Monitoring (TDM)
Urinary Catecholamines & Metabolites
Urine Chemistries
Urine Dipsticks
Vitamin Assays (Carotene, Vitamin A & E)
Vitamin D

Cardiac Markers
Tel: +44 (0) 141 440 2888
Email: info@ukneqas-cm.org.uk
Legal Entity: NHS Greater Glasgow & Clyde
Services Available
Cardiac Markers Schemes (Laboratory)
Cardiac Markers Schemes (Point of Care)
B-Type Natriuretic Peptide (BNP)
Cardiac Troponin I
Cardiac Troponin T
CKMB
Myoglobin
NT-proBNP

Trace Elements
Tel: +44 (0) 1483 571 122 ext. 3611
Email: rsc-tr.Guildford-EQA@nhs.net
Legal Entity: Frimley Health NHS Foundation Trust
Services Available
Lead, Cadmium, Manganese, Arsenic, Magnesium, Mercury, Zinc, Selenium, Thallium, Chromium and Cobalt in Blood
Mercury, Cadmium, Copper, Iron, Zinc, Chromium, Cobalt, Arsenic, Lead, Manganese, Nickel, Thallium and Selenium in Urine
Zinc, Copper, Aluminium, Selenium, Chromium and Cobalt in Serum
Aluminium in Water/Dialysis Fluid (Educational)
Copper and Iron in Solid Matrices e.g. Liver (Educational)

Guildford Peptide Hormones
Tel: +44 (0) 1483 571 122 ext. 3611
Email: rsch.peptideeqa@nhs.net
Legal Entity: Frimley Health NHS Foundation Trust
Services Available
C-Peptide
Gastrin
Insulin
Insulin-like Growth Factor 1
Insulin-like Growth Factor Binding Protein-3

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Clinical Chemistry

Edinburgh Peptide Hormones	
Tel: +44 (0) 131 242 6885	
Email: ukneqas@ed.ac.uk	
Legal Entity: NHS Lothian	
Services Available	
Maternal Serum Screening	1st Trimester (Down's syndrome and Trisomies T13 and T18)
	2nd Trimester (Down's syndrome)
	2nd Trimester (Neural tube defects)
	1st Trimester (Down's syndrome using dried blood spots)
Pre-eclampsia Markers*	Placental Growth Factor (PLGF)
	SFlt-1
	SFlt-1: PLGF ratio
Peptide I	FSH, LH, AMH, Prolactin and Growth Hormone
Peptide II	PTH, ACTH and Calcitonin
Tumour Markers	AFP, CEA and hCG
Pregnancy Testing	Urinary hCG (Qualitative and Quantitative)
Liver Fibrosis Markers*	Type III Procollagen Peptide (PIIINP)
	Hyaluronic acid
	Tissue inhibitor of metalloproteinase I (TIMP-I)
	Enhanced Liver Fibrosis (ELF) Score
	FIB-4 Score

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Haematology

Blood Coagulation	
Tel: +44 (0) 114 267 3300 **Email:** neqas@coageqa.org.uk	
Legal Entity: Sheffield Teaching Hospitals NHS Foundation Trust	
Services Available	
Screening tests	Activated Partial Thromboplastin Time (APTT)
	D-Dimer
	Fibrinogen Evaluation (Clauss method)
	Heparin Assay (HA) - anti-Xa
	Heparin Dosage Assessment (HDA) by APTT
	Prothrombin Time (PT)/ INR (Venous/Capillary methods)
	Prothrombin Time for Diagnosis (PT/ Diagnostic) (PTD)
	Thrombin Time (TT)
Assays	Factor II, V, VII VIII, IX, X, XI, XII Assays
	Direct Oral Anticoagulant (DOAC) Assay*
	Von Willebrand Factor Antigen: Assay
	VWF:RCo (activity) Assay
	VWF:CB (collagen-binding) Assay
	Antithrombin Antigen and Activity Assays
	Protein C Antigen and Activity Assay
	Protein S Total and Free Antigen Assay

Blood Coagulation Continued	
Assays	Protein S Activity Assay
	Activated Protein C Resistance Assay
	Plasminogen Assay
Other programmes	DOAC assays
	FXIII assays
	Homocysteine assays
	Quantitative Factor VIII Inhibitor
	ADAMTS13 assays
	Lupus anticoagulant screening/assay
	FVIII treatment monitoring
	FIX treatment monitoring
	Emicizumab assays
	HIT screening/assays
	Molecular Genetics of Thrombophilia Testing (Factor V Leiden)
	Genetics of Heritable Bleeding and Thrombotic disorders
POCT	Activated Clotting Time (ACT)
	POCT D-dimer
	CoaguChek XS, CoaguChek XS Plus, CoaguChek XS Pro & Pro II (PT/INR)
	Thromboelastometry and Thromboelastography

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Haematology

Blood Transfusion Laboratory Practice (BTLP)	
Tel: +44 (0) 1923 217 933	
Email: btlp@ukneqas.org.uk	
Legal Entity: West Hertfordshire Hospitals NHS Trust	
Services Available	
Pre-Transfusion Testing (PTT)	ABO & D Grouping
	Antibody Screening
	Antibody Identification
	Crossmatching
	Rh and K Phenotyping
Fetomaternal Haemorrhage (FMH)	FMH Screening
	FMH Quantification
ABO Titration (ABOT)	ABO Titration
	A_1 typing
Direct Antiglobulin Testing (DAT)	Detection of cells coated with IgG
	Detection of cells coated with C3d
Point of Care D typing (POCTD)	RhD typing
Pilot schemes	Red Cell Genotyping (RCG)*
	Antenatal Antibody Titration (ANT)*
	Extended Red Cell Phenotyping (ERP)*
Other services (supplementary to EQA)	Training, Assessment and Competency Tool (TACT)

Vitamin K
Tel: +44 (0) 207 188 6815
Email: keqas@ukneqas.org.uk
Legal Entity: Viapath Analytics
Services Available
Vitamin K1 at endogenous concentrations in human serum
MK-4 at endogenous concentrations in human serum
MK-7 at endogenous concentrations in human serum
Vitamin K1, 2, 3-epoxide at endogenous concentrations in human serum
PIVKA-II (undercarboxylated prothrombin) at endogenous concentrations in human serum

Haematology	
Tel: +44 (0) 1923 217 878	
Email: haem@ukneqas.org.uk	
Legal Entity: West Hertfordshire Hospitals NHS Trust	
Services Available	
Automated Counting & Related	Automated Differential Leucocyte Count
	ESR
	Full Blood Count (FBC)
	Haemoglobin only
	Plasma Viscosity
	Infectious Mononucleosis*
	Reticulocyte Count
Haemoglobinopathy	Abnormal Haemoglobins
	DNA Diagnostics for Haemoglobinopathies
	Liquid Newborn Haemoglobinopathy Screening
	Newborn Sickle Screening
	Sickle Screening only
Morphology Related	Blood Films for Morphology
	Blood Parasite Screening and Identification (Haematology)
	Cytochemistry: Haemosiderin staining
	Digital Blood Film Morphology for CPD
	Malaria Rapid Diagnostic Test (Haematology)
	Manual WBC Differential Count
Red Cell Enzyme	G6PD Screen and Assay

*Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Haematology

Leucocyte Immunophenotyping	
Tel: +44 (0) 114 267 3600	
Email: admin@ukneqasli.co.uk	
Legal Entity: Sheffield Teaching Hospitals NHS Foundation Trust	
Services Available	
Flow Cytometry	CD34+ Stem Cell Enumeration
	Immune Monitoring
	Leukaemia Immunophenotyping (Part 1)
	Leukaemia Diagnostic Interpretation (Part 2)
	Low Level Leucocyte Enumeration
	Minimal Residual Disease for ALL by Flow Cytometry
	Minimal Residual Disease for AML by Flow Cytometry*
	Minimal Residual Disease for CLL by Flow Cytometry*
	Minimal Residual Disease for Plasma Cell Myeloma by Flow Cytometry*
	Haematological Malignancy Bone Marrow Aspirate Assessment*
	Cerebrospinal Fluid (CSF) Immunophenotyping*
	Paroxysmal Nocturnal Haemoglobinuria
Molecular	BCR-ABL1 and AML Translocation Identification
	BCR-ABL1 Kinase Domain Variant (Mutation) Status
	BCR-ABL1 Major Quantification

Leucocyte Immunophenotyping Continued	
Molecular	BCR-ABL1 Minor Quantification*
	BRAF p.Val600Glu (V600E) Mutation Status for Hairy Cell Leukaemia
	FLT3 Mutation Status
	IgH/TCR Clonality Status
	JAK2 p.Val617Phe (V617F) Mutation Status
	KIT p.Asp816Val (D816V) Mutation Status for Mast Cell Disease
	NPM1 Mutation Status
	Paediatric Acute Leukaemia Translocations
	Post-Stem Cell Transplant Chimerism Monitoring
	Acute Myeloid Leukaemia and Myelodysplastic Syndrome Gene Panels*
	Chronic Lymphocytic Leukaemia Gene Panels*
	Lymphoplasmacytic Lymphoma/ Waldenström Macroglobulinemia*
	Myeloproliferative Neoplasm Gene Panels*

*Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Immunology

Immunology, Immunochemistry & Allergy	
Tel: +44 (0) 114 271 5715	
Email: immunology@ukneqas.org.uk	
Legal Entity: Sheffield Teaching Hospitals NHS Foundation Trust	
Services Available	
Allergy and Immunodeficiency	Allergen Component Testing
	Allergen Specific IgE
	Antibody to Fungal & Related Antigens
	IgG Subclasses
	Specific Microbial Antibodies
	Total IgE
	Tryptase
Autoimmunity	Acetylcholine Receptor Antibodies
	ANCA/GBM Antibodies
	Antibodies to Nuclear and Related Antigens
	Bullous Dermatosis Antibodies
	Coeliac Disease Antibodies
	Diabetic Markers
	Ganglioside Antibodies
	General Autoimmune Serology
	Interferon Gamma Release Assays (Mycobacterium tuberculosis) IGRA TB
	Myelin Associated Glycoprotein IgM Antibodies (MAG)
	Myositis Associated Antibodies
	Paraneoplastic Antibodies

IIA continued	
Autoimmunity	Phospholipase A2 Receptor Antibodies (PLA2R)
	Phospholipid Antibodies
	SARS-CoV-2 Antibody Detection
Immunochemistry	Alkaline Phosphatase (ALP) Isoenzymes
	Alpha 1 Antitrypsin and Phenotype Identification
	C-Reactive Protein (CRP)
	C1 Esterase Inhibitor and Functional Complement Assays
	CSF Haem Pigments
	CSF IgG Oligoclonal Bands
	CSF Proteins and Biochemistry
	CSF β2 Transferrin/Beta Trace Protein
	Interleukin-6 (IL-6)*
	Point of Care CRP
	Procalcitonin
	Ultrasensitive C-Reactive Protein
	β2 Microglobulin
Oncology	Cryoproteins (image based)
	Monoclonal Protein Identification
	Prostate Specific Antigen (PSA)
	Ultrasensitive PSA
	Tumour Markers (CA Series)

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Immunology

Histocompatibility and Immunogenetics
Tel: +44 (0) 1443 622 185
Email: handi@ukneqas.org.uk
Legal Entity: Velindre University NHS Trust
Services Available
Crossmatching by Flow Cytometry
Cytotoxic Crossmatching
DNA HLA Typing at 1st Field Resolution
DNA HLA Typing to 2nd or 3rd Field Resolution
Educational Cross Match
Educational Interpretive Clinical Scenarios
Educational Scheme
HFE Typing
HLA Antibody Detection
HLA Antibody Specificity Analysis
HLA Genotyping for Coeliac and other HLA associated diseases
HLA Phenotyping
HLA-B*57:01 Typing for Drug Hypersensitivity
HLA-B27 Testing
HPA Antibody Detection/Specification
HPA Genotyping
Interpretative: HFE Genotype and Hereditary Haemochromatosis
Interpretive HLA Genotype
KIR Genotyping

* Pilot/Non Accredited For accreditation status please refer to www.ukas.com

Medical Microbiology

Microbiology	
Tel: +44 (0) 208 905 9890	
Email: organiser@ukneqasmicro.org.uk	
Legal Entity: Public Health England	
Services Available	
Bacteriology	AAFB Microscopy
	Antimicrobial Susceptibility
	Clostridioides Difficile (prev. Clostridium Difficile)
	Community Medicine
	Faecal Pathogens
	General Bacteriology
	Genital pathogens
	MRSA Screening
	Mycobacteria Culture
	Syphilis Serology
	Urinary Antigens
Molecular	C. trachomatis and N. gonorrhoeae
	CMV DNA Quantification
	EBV DNA Quantification
	HBV DNA Quantification
	Hepatitis C RNA Detection
	HIV 1 RNA Quantification
	Molecular Detection Mycobacteria
	Molecular detection of HEV RNA
	Molecular Detection of HPV
	Molecular Detection of Respiratory Viruses
	Molecular Detection of SARS-CoV-2
	Molecular Detection of Viruses in CSF
	Viral Gastroenteritis (also suitable for antigen testing)

Microbiology continued	
Mycology	Antifungal Susceptibility
	Cryptococcal antigen detection
	Fungal Biomarkers
	Mycology
Virology	Anti-HBs detection
	Blood Borne Viruses
	Blood Donor Screen
	Diagnostic Serology: hepatitis screen
	Hepatitis B Serology
	Hepatitis C Serology
	Hepatitis E Serology
	HIV Point of Care
	HIV Serology
	Immunity Screen
	Measles and Mumps IgG Serology
	Parvovirus B19 and Rubella Serology
	Respiratory Rapid: RSV
	Rubella IgG Serology
	Virus identification

Parasitology
Tel: +44 (0) 203 908 1371
Email: parasite@ukneqas.org.uk
Legal Entity: Public Health England
Services Available
Blood Parasitology
Faecal Parasitology
Malaria Rapid
Molecular Diagnosis of Malaria
Parasite Serology
Toxoplasma Serology
Molecular detection of Faecal Parasites
Teaching for Blood and Faecal Parasites

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Genomics and Reproductive Science

Reproductive Science

Tel: +44 (0) 161 276 6437

Email: repscience@ukneqas.org.uk

Legal Entity: Manchester University NHS Foundation Trust

Services Available

Andrology: Semen Analysis (Sperm Motility, Concentration & Morphology)
Embryology: Embryo Morphology, Time Lapse Annotation

Genomics (GenQA)

Tel:
Oxford Office: +44 (0) 1865 857 644
Edinburgh Office: +44 (0) 131 242 6898

Email: info@genqa.org

Legal Entity: Oxford University Hospitals NHS Foundation Trust/ NHS Lothian

Services Available

Clinical Genetics	Cardiovascular Disorders
	Dysmorphology
	Monogenic Disorders
	Oncogenetics
	Genetic Counselling*
Constitutional - Postnatal	Chromosome Breakage syndromes
	Disorders of Sexual Development*
	Induced Pluripotent stem (IPS) cells
	Infertility*
	Microdeletion syndromes*
	Postnatal constitutional Copy Number Variant (CNV) detection
	Recurrent miscarriage karyotyping
	Severe Developmental Delay*
	Sex chromosome disorders karyotyping

Genomics continued

Haematological Neoplasms	Acquired array (CLL and MDS)
	Acute Lymphoblastic Leukaemia (ALL)
	Chronic Lymphocytic Leukaemia (CLL)
	Chronic Lymphocytic Leukaemia (CLL) IGHV mutation status*
	Chronic Lymphocytic Leukaemia (CLL) TP53 mutation analysis*
	Haematological Technical FISH
	Haematological Translocations*
	Lymphoma
	Lymphoma Technical NGS*
	Myeloid Disorders
	Myeloma
Individual Competency Assessment	Tissue-i
	BRCA and HRR variant classification
	COVID-19 Care Home Swabbing
	COVID-19 Laboratory Testing
	COVID-19 Direct LAMP assay
	COVID-19 LamPORE assay
	COVID-19 High throughput Direct RT-LAMP assay
Molecular Genetic Disorders	Aminoglycoside-Induced deafness*
	Ataxia & Hereditary Spastic Paraplegia (HSP)
	Cardiac Disorders
	Charcot Marie Tooth disease (CMT) and related sensory and motor neuropathies

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Genomics and Reproductive Science

Genomics continued	
Molecular Genetic Disorders	Cystic Fibrosis (CF) and CFTR-related disorders
	Epilepsy Disorders
	Eye Disorders
	Familial Colorectal Cancer and Polyposis
	Familial Hypercholesterolaemia (FH)
	Familial endocrine tumour predisposition disorders
	Fragile X syndrome and FMR1-related disorders
	Gastrohepatology disorders*
	Hereditary Breast and Ovarian Cancer (HBOC) disorders
	Huntington disease (HD)
	Hypotonic Infant
	Imprinting disorders
	Inborn Errors of Metabolism (IEM)
	Linkage analysis
	Mitochondrial and POLG-related disorders
	Muscular Dystrophies
	Neurodegenerative Disorders
	Neurofibromatosis type 1 and Rasopathies
	Osteogenesis Imperfecta (OI)
	Prediction of 5-Fluorouracil Toxicity (DPYD)*
	Primary Immunodeficiency disorders (PID)

Genomics continued	
Molecular Genetic Disorders	Renal Disorders
	Respiratory disorders
	Skeletal Dysplasias
	X-Inactivation
Molecular Newborn Screening	Cystic Fibrosis (CF) Molecular Newborn screening (bloodspots)
	MCADD Molecular Newborn Screening (bloodspots)
	SCID Molecular Newborn Screening (bloodspots)*
Molecular Pathology	BRCA testing for ovarian cancer - somatic
	BRCA testing for ovarian, breast, prostate and pancreatic cancer - germline
	Breast cancer (PIK3CA testing)*
	Breast cancer - Tumour Expression profiling*
	Central Nervous System (CNS) Tumours
	Circulating free (cf) DNA testing in lung cancer
	Gastrointestinal stromal tumours (GIST)
	Microsatellite instability testing (MSI)
	Molecular Tissue Identification
	NTRK fusions*
	Neuroblastoma*

* Pilot/Non Accredited

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Genomics and Reproductive Science

Genomics continued	
Molecular Pathology	Prostate cancer (HRR testing)*
	Renal Tumours*
	Sarcoma
	Thyroid Cancer*
	Colorectal cancer - Extended MMR
	Colorectal cancer - MMR
	Colorectal cancer - core
	Lung cancer - EGFR only
	Lung cancer- comprehensive
	Lung cancer - core
	Lung cancer - fusions
	Melanoma
Preimplantation Genetic Testing (PGT)	Preimplantation genetic testing (PGT) for aneuploidy
	Preimplantation genetic testing (PGT) for chromosomal rearrangements
	Preimplantation genetic testing (PGT) of Blastomere (FISH)
	Preimplantation genetic testing (PGT) of Polar Body
	Preimplantation Genetic Testing (PGT) for monogenic disorders
Prenatal Testing	Maternal cell contamination (MCC) & sexing
	Non-invasive prenatal testing (NIPT) for aneuploidies

Genomics continued	
Prenatal Testing	Non-invasive prenatal testing (NIPT) for common microdeletions*
	Non-invasive prenatal testing (NIPT) for sexing
	Pregnancy loss (G-banding)
	Pregnancy loss (Molecular methods)
	Prenatal constitutional Copy Number Variant (CNV) detection
	Prenatal karyotyping
	Rapid Prenatal Testing for common aneuploidies
Sample Handling	DNA Quantification*
	DNA extraction from formalin-fixed paraffin -embedded (FFPE) tissue
	DNA extraction from fresh frozen (FF) tissue*
	DNA extraction from saliva*
	DNA extraction from venous blood
Technical (Next Generation Sequencing)	Next Generation Sequencing (NGS) germline
	Next Generation Sequencing (NGS) somatic WES/WGS*
	Next Generation Sequencing (NGS) somatic panel

* Pilot/Non Accredited For accreditation status please refer to www.ukas.com

Genomics and Reproductive Science

Genomics continued	
Variant Classification	Exome Sequencing Data Interpretation*
	ISCN (International System for Human Cytogenomic Nomenclature) (Classification Only)*
	Pathogenicity of germline postnatal copy number variants (CNV) (Classification Only)*
	Pathogenicity of germline sequence variants (Classification & Interpretation)
	Pathogenicity of germline sequence variants (Classification only)
	Pathogenicity of prenatal copy number variants (Classification only)*
	Pathogenicity of somatic sequence variants (Classification only)*
	Variant Validation

* Pilot/Non Accredited For accreditation status please refer to www.ukas.com

Covid-19 Programmes

Purpose	Services Available	UK NEQAS Provider
Diagnostic Programmes	Molecular Detection of Respiratory Viruses	UK NEQAS Microbiology
	Molecular Detection of SARS-CoV-2	UK NEQAS Microbiology
	SARS-CoV-2 Antibody Detection	UK NEQAS Immunology, Immunochemistry & Allergy
	SARS-CoV-2 Antigen*	UK NEQAS Microbiology
Treatment & Monitoring Programmes	Activated Partial Thromboplastin Time (APTT)	UK NEQAS Blood Coagulation
	B-Type Natriuretic Peptide (BNP)	UK NEQAS Cardiac Markers
	C-Reactive Protein	UK NEQAS Immunology, Immunochemistry & Allergy
	Point of Care CRP*	UK NEQAS Immunology, Immunochemistry & Allergy
	D-Dimer Assay (within Screening Tests)	UK NEQAS Blood Coagulation
	Ferritin (within Haematinics EQA Programme)	UK NEQAS Birmingham Quality
	Full Blood Count (FBC)	UK NEQAS Haematology
	Heparin Induced Thrombophilia (HIT) Screening (within Screening Tests)	UK NEQAS Blood Coagulation
	Interleukin-6 (IL-6)*	UK NEQAS Immunology, Immunochemistry & Allergy
	Monitoring Anticoagulation with Low Molecular Weight Heparin (UFH) (within Screening Tests)	UK NEQAS Blood Coagulation
	NT-pro BNP	UK NEQAS Cardiac Markers
	Plasma Viscosity	UK NEQAS Haematology
	Procalcitonin	UK NEQAS Immunology, Immunochemistry & Allergy
	Prothrombin Time for Diagnosis (PT/ Diagnostic) (PTD)	UK NEQAS Blood Coagulation
	Routine Biochemistry	UK NEQAS Birmingham Quality
	Cardiac Troponin I	UK NEQAS Cardiac Markers
	Cardiac Troponin T	UK NEQAS Cardiac Markers
Educational Modules	Covid-19 Care Home Swabbing	UK NEQAS Genomics
	Covid-19 Laboratory Testing	UK NEQAS Genomics
	Covid-19 LAMP Assay	UK NEQAS Genomics
	Covid-19 LamPORE Assay	UK NEQAS Genomics
	Covid-19 High Throughput Direct RT -LAMP Assay	UK NEQAS Genomics

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

Point of Care Testing

Services Available	UK NEQAS Provider
Activated Clotting Time (ACT)	UK NEQAS Blood Coagulation
B-Type Natriuretic Peptide (BNP)	UK NEQAS Cardiac Markers
Cardiac Troponin I	UK NEQAS Cardiac Markers
Cardiac Troponin T	UK NEQAS Cardiac Markers
CKMB	UK NEQAS Cardiac Markers
Clinical Chemistry	UK NEQAS Birmingham Quality
CoaguChek XS, CoaguChek XS Plus, CoaguChek XS Pro & Pro II (PT/INR)	UK NEQAS Blood Coagulation
C-Reactive Protein (CRP)*	UK NEQAS Immunology, Immunochemistry & Allergy
D-Dimer	UK NEQAS Blood Coagulation
D-Typing	UK NEQAS BTLP
Fungal Biomarkers	UK NEQAS Microbiology
Glycated Haemoglobins	UK NEQAS Birmingham Quality
Haemoglobin only	UK NEQAS Haematology
HIV	UK NEQAS Microbiology
Malaria Rapid	UK NEQAS Parasitology
Molecular Detection of Respiratory Viruses	UK NEQAS Microbiology
Myoglobin	UK NEQAS Cardiac Markers
NT-pro BNP	UK NEQAS Cardiac Markers
Pregnancy Testing	UK NEQAS Edinburgh
Respiratory Rapid: RSV	UK NEQAS Microbiology
Thromboelastometry and Thromboelastography	UK NEQAS Blood Coagulation
Urinary Antigens	UK NEQAS Microbiology
Urine Dipsticks	UK NEQAS Birmingham Quality
Viral Gastroenteritis (also suitable for antigen testing)	UK NEQAS Microbiology

* Pilot/Non Accredited

For accreditation status please refer to www.ukas.com

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Current Participating Countries

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Burkina Faso
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