

Laboratory Medicine at University Hospitals Bristol and Weston will comply with the requirements of all relevant regulatory bodies and is committed to continually providing high quality laboratory results by ensuring all examination procedures are fit for purpose. Part of this process is ensuring that all assays are accredited to ISO 15189:2012 and soon to be ISO 15189:2022, which is assessed by UKAS.

As part of a renewed network managed service contract for laboratory analysers, UHBW Laboratory Medicine are undergoing a number of analyser and assay changes and updates. This means that the laboratory will initially remove old analysers and assay from current UKAS accreditation scope in order to then reapply for Extension to Scope for new analysers and assays.

The following tables provide details on the tests undergoing this process.

Bristol

Clinical Biochemistry Automation:

Activity	Sample type	Comments	Accreditation Status
ACTH	Plasma	ETS platform change from Roche Cobas to Diasorin Liaison. ETS not yet submitted.	Accredited. Change planned for October 2023.
Albumin	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
A1-antitrypsin	Serum, plasma	Roche to Beckman AU	Accredited. Change planned for October 2023.
ACE	Serum and plasma	Trinity to Sentinel	Accredited. Change planned for October 2023.
Ammonia	Plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
AST	Serum and plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Alkaline Phosphatase	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.

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ALT	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
AFP	Serum and plasma	Roche to Beckman Dxl	Accredited. Change planned for October 2023.
Amphetamine	Urine	Roche to Siemens	Accredited. Change planned for October 2023.
Amylase	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Bicarbonate	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Bile acids	Serum and plasma	Roche to Sentinel	Accredited. Change planned for October 2023.
Bilirubin (Total), Conjugated Bilirubin	Serum, plasma	ETS platform change from Roche to Beckman AU for total Bilirubin – not yet submitted. No change for conjugated Bilirubin.	Accredited. Change planned for October 2023 for total Bilirubin only.
B12	Serum and plasma	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
Benzodiazepine	urine	ETS platform change from Roche to Siemens. Not yet submitted.	Accredited. Change planned for October 2023.
CA125	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
CA15-3	Serum and plasma	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
CA19-9	Serum and plasma	ETS platform change from Roche to Beckman Dxl.	Accredited. Change planned for October

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		Not yet submitted.	2023.
Calcium Adjusted Calcium (calculation)	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Carbamazepine	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
CEA	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Cholesterol Non-HDL Cholesterol (calculation)	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Chloride	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Cortisol	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Cocaine metabolite	urine	ETS platform change from Roche to Siemens. Not yet submitted.	Accredited. Change planned for October 2023.
Creatine Kinase	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Creatinine AKI Alerts (calculation) eGFR (calculation)	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
CRP	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Cyclosporine	Whole blood	Platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
Digoxin	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.

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Direct Bilirubin	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Ferritin	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Folate	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
FSH	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Free T4	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Free T3	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Gamma Glutamyltransferase	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Gentamicin	Serum, plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Glucose	Serum, plasma, CSF	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Growth hormone	Serum/Plasma	ETS platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
Haptoglobin	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
HDL Cholesterol	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
HCG	Serum	ETS platform change from	Accredited. Change

		Roche Cobas to Beckman DXI. Not yet submitted.	planned for October 2023.
IgG, IgA, IgE, IgM	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Insulin	Serum/Plasma	ETS platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
Insulin like growth factor	Serum	ETS platform change from Roche Cobas to Diasorin Liaison. ETS not yet submitted.	Accredited. Change planned for October 2023.
Iron	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Lactate dehydrogenase	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Lactate	Plasma and CSF	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
NT-pro BNP	Serum and plasma	ETS platform change from Roche to Biomerieux Vidas. Not yet submitted.	Accredited. Change planned for October 2023.
Lipase	Serum	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
LH	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Lithium	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Macroprolactin	Serum and plasma	No change	Accredited, no change.
Magnesium	Serum, plasma	ETS platform change from Roche Cobas to Beckman	Accredited. Change planned for October

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		AU. Not yet submitted.	2023.
Methotrexate	Serum/plasma	ETS platform change from Roche Cobas to Beckman AU. ETS not yet submitted.	Accredited. Change planned for October 2023.
Methadone metabolite	Urine	No change	Accredited, no change.
Albumin	Urine	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Neurone specific enolase	Serum and plasma	ETS platform change from Roche To Diasorin Liaison. Not yet submitted.	Accredited. Change planned for October 2023.
Oestradiol	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Opiates	Urine	ETS platform change from Roche to Siemens. Not yet submitted.	Accredited. Change planned for October 2023.
Paracetamol	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Phenytoin	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Phenobarbitone	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Phosphate	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Procalcitonin	Serum	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
Protein	Urine and CSF	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Protein	Serum and plasma	ETS platform change from Roche to Beckman AU.	Accredited. Change planned for October

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		Not yet submitted.	2023.
Potassium	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Progesterone	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Prolactin	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
PSA	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
PTH	Serum and plasma	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
Rheumatoid factor	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Salicylate	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
SARS COV 2 antibodies	Serum plasma	ETS platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
SHBG	Plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Sodium	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Tacrolimus	Whole blood	ETS platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
Testosterone	Serum, plasma	ETS platform change from Roche Cobas to Beckman	Accredited. Change planned for October

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		DXI. Not yet submitted.	2023.
Theophylline	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Tobramycin	Serum plasma	ETS platform change from Roche Cobas to Beckman AU. ETS not yet submitted.	Accredited. Change planned for October 2023.
Total Protein	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Triglycerides	Serum, plasma	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Troponin T	Serum, plasma	This is being replaced by Troponin I and will be submitted as an ETS.	Not accredited. This is a new test to be implemented in October 2023.
TSH	Serum, plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.
Thyroid antibodies	Serum and plasma	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
Urea	Serum, plasma, urine	ETS platform change from Roche Cobas to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Uric acid	Serum, plasma and urine	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Vancomycin	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
Vitamin B12	Serum and plasma	ETS platform change from Roche to Beckman Dxl. Not yet submitted.	Accredited. Change planned for October 2023.
Total Vitamin D	Serum, Li-Hep plasma	ETS platform change from Roche Cobas to Beckman DXI. Not yet submitted.	Accredited. Change planned for October 2023.

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Complement C3, C4	Serum and plasma	ETS platform change from Roche to Beckman AU. Not yet submitted.	Accredited. Change planned for October 2023.
C-peptide	Serum/Plasma	Platform change from Roche Cobas to Beckman DXI. ETS not yet submitted.	Accredited. Change planned for October 2023.
Lp(a)	Serum plasma	Platform change from Binding site Ophilite to Sentinel (on Beckman AU). ETS not yet submitted.	Accredited. Change planned for October 2023.

Immunochemistry:

Activity	Sample type	Comments	Accreditation status
Osmolality – Osmolar Gap	Serum, plasma, urine	No change	Accredited, no change.

Metabolic, neuroendocrine and nutrition:

Activity	Sample type	Comments	Accreditation status
N/A – no changes within department			

Haematology Automation:

Activity	Sample type	Comments	Accreditation status
Full Blood and Reticulocytes: Includes the following parameters: - - Haemoglobin - White Blood Cell Count - Red Blood Count - Platelet Count - Haematocrit - Mean Cell Volume - Mean Cell - Haemoglobin	Whole blood (EDTA)	Method change from Sysmex to Beckman Coulter. ETS application in preparation. <i>NB. Reticulocyte count to be removed once BC method is in use on 23rd May.</i>	Not accredited from 23 rd May 2023. Extension to scope application in preparation for re-assessment.

<ul style="list-style-type: none"> - Mean Cell Haemoglobin Concentration - Neutrophil count - Lymphocyte count - Monocyte count - Eosinophil count - Basophil count - Reticulocyte count - Nucleated Red Cells 			
Erythrocyte Sedimentation Rate	Whole blood (EDTA)	Method change from Vescube to Alifax. ETS application in preparation.	Not accredited from 6 th March 2023. Extension to scope application in preparation for re-assessment.
G6PDH Quantitative assay	Whole blood (EDTA)	No change - Trinity Biotech G6PD assay kit and Cecil Spectrophotometer	Accredited, no change.
Blood Films - morphology of the red cells, platelets and white cells. Manual differential of white cells	Whole blood (EDTA)	Method change from Sysmex to Beckman Coulter. ETS application in preparation.	Not accredited from 23 rd May 2023. Extension to scope application in preparation for re-assessment.
Detection of malarial parasites: Plasmodium falciparum, Plasmodium malariae, Plasmodium ovale & Plasmodium vivax & Plasmodium knowlesi	Whole blood (EDTA)	No change - Giemsa/Field's staining	Accredited, no change.
Rapid screen malaria pLDH and HRP2 antigens	Whole blood (EDTA)	No change - Malaria antigen test using care start rapydtest	Accredited, no change.
Haemoglobinopathy HbA2, HbF, Abnormal Hb	Whole blood (EDTA)	Method change from Biorad HPLC Variant 2 to Cap 3 capillary electrophoresis.	Accredited. Change planned for October 2023.

		ETS application in preparation.	
Sickle cell solubility test for presence and sickle haemoglobin (HbS)	Whole blood (EDTA)	No change - Streck Sickledex	Accredited, no change.
HbA1c quantification	Whole blood (EDTA)	Method change from Menarini Hb9210 by HPLC to Cap 3 capillary electrophoresis. ETS application in preparation.	Accredited. Change planned for October 2023.

Transfusion (no changes expected until later in 2023):

Activity	Sample type	Comments	Accreditation status
ABO and Rh D Grouping	Whole blood (EDTA)	1/ ETS platform change from Biorad IH1000 to Immucor Neo. Updates to follow in due course. 2/ Manual solution to be confirmed. 3/ Tube grouping – no change.	Accredited, no current dates for change.
Antibody panels Antigens of the following systems: Rh – C,D,E,c,e, Cw Kell – K, K, Kpa Duffy –Fya, Fyb MNSs M, N, S, s Kidd – JKa, Jkb	Whole blood (EDTA)	1/ ETS platform change from Biorad IH1000 to Immucor Neo. Updates to follow in due course. 2/ Manual solution to be	Accredited, no current dates for change.

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Lutheran – Lua Lewis – Lea, Leb P – P1		confirmed.	
Extended phenotyping Rhesus and K phenotyping and including all of the above	Whole blood (EDTA)	Solution still to be confirmed.	Accredited, no current dates for change.
Direct antiglobulin test for detection of antibody bound red cells	Whole blood (EDTA)	ETS platform change from Biorad gel cards to proposed Immucor Neo. Updates to follow in due course.	Accredited, no current dates for change.
Measurement of foetal Hb in maternal blood for FMH determination	Whole blood (EDTA)	ETS method change from Clin-tech to Guest Medical. ETS in preparation.	Accredited, no current dates for change.
Crossmatch - serological compatibility testing between donor red cell antigens and patient plasma antibody.	Whole blood (EDTA)	1/ ETS platform change from Biorad IH1000 to Immucor Neo. Updates to follow in due course. 2/ Manual solution to be confirmed.	Accredited, no current dates for change.

Coagulation:

Activity	Sample type	Comments	Accreditation status
APTT PT Fibrinogen Low Molecular weight heparin Unfractionated heparin Thrombin clotting time	Blood Plasma	Method change from Sysmex CS2500 to Werfen ACL Top 750. ETS application in preparation.	Not accredited from 23 rd May 2023. Extension to scope application in preparation for re- assessment.
D-dimer	Blood Plasma	Method change from Sysmex CS2500 to Werfen	Not accredited from 23 rd May 2023.

		<p>ACL Top 750.</p> <p>ETS application in preparation.</p>	<p>Extension to scope application in preparation for re-assessment.</p>
<p>Thrombophilia testing</p> <ul style="list-style-type: none"> - Antithrombin - Protein C - Free protein S - Activated protein C resistance - Lupus anticoagulant assay 	Blood Plasma	<p>Method change from Sysmex CS2500 to Werfen ACL Top 550.</p> <p>ETS application in preparation.</p>	<p>Not accredited from 23rd May 2023.</p> <p>Extension to scope application in preparation for re-assessment.</p>
Von Willebrand Factor antigen	Blood Plasma	<p>Method change from Sysmex CS2500 to Werfen ACL Top 550.</p> <p>ETS application in preparation.</p>	<p>Not accredited from 23rd May 2023.</p> <p>Extension to scope application in preparation for re-assessment.</p>
One stage/Chromogenic Factor assays: II, V, VII, VIII, IX, X, XI, XII and XIII	Blood Plasma	<p>Method change from Sysmex CS2500 to Werfen ACL Top 550.</p> <p>ETS application in preparation.</p>	<p>Not accredited from 23rd May 2023.</p> <p>Extension to scope application in preparation for re-assessment.</p>

Immunology:

Activity	Sample type	Comments	Accreditation status
<p>Detection of:</p> <ul style="list-style-type: none"> • Anti-PR3 autoantibodies • Anti-MPO autoantibodies • Intrinsic Factor antibodies 	Serum	No change.	Accredited, no change.

Detection of Cardiolipin antibody	Serum	No change.	Accredited, no change.
Detection of DNA antibody	Serum	No change.	Accredited, no change.
Detection of Anti CCP antibody	Serum	No change.	Accredited, no change.
Extractable Nuclear Antigen (ENA) screening test and ENA antibody confirmation	Serum	No change.	Accredited, no change.
Detection of heterophile antibodies to Infectious mononucleosis (Glandular fever) (Paul Burnell)	Serum	No change.	Accredited, no change.
Detection of Rheumatoid factor - screening test	Serum	No longer reported by Immunology. Refer to Biochemistry department for information.	To be removed from Haematology accredited scope.
Autoimmune testing ANCA Anti-nuclear Ab (ANA) Anti smooth muscle Ab Anti gastric parietal cell Ab Anti mitochondrial Ab Anti liver/kidney microsomal Ab	Serum	No change.	Accredited, no change.

Flow Cytometry:

Activity	Sample type	Comments	Accreditation status
Immunophenotyping of the following markers/antigens to diagnose and monitor the following disorders: Acute	Bone Marrow aspirate Peripheral Blood Cerebrospinal fluids	No change to LSR Fortessa Lyric verification	LSR accredited. Lyric not accredited. Extension to

<p>Leukaemia Mastocytosis Myelodysplastic/myeloproliferative neoplasms Mature Lymphoid Disorders B cell and T cell Lymphoproliferative Disorders and Lymphoma Myeloma/Plasma cell neoplasms</p> <p>CD1a CD2 CD3 CD4 CD5 CD7 CD8 CD9 CD10 CD11b CD11c CD13 CD14</p> <p>CD15 CD16 CD19 CD20 CD22 CD23 CD24 CD25 CD26 CD30 CD33 CD34 CD36 CD41 CD42 CD43 CD45 CD49d CD56 CD57 CD58 CD59 CD61 CD64 CD71 CD79a CD79b CD81</p> <p>CD99 CD103 CD117 CD123 CD138 CD200 CD203c CD303 MPO Kappa Lambda TdT IgM NG-2 TCRab TCRgd GPA</p>	<p>Effusions/other fluids Tissues and fine needle aspirates</p>	<p>underway. ETS expected to be submitted for UKAS assessment Summer 2023.</p>	<p>scope application in preparation for re-assessment.</p>
<p>Immunophenotyping of the following markers/antigens to diagnose and monitor the following disorders Paroxysmal Nocturnal Haemoglobinuria FLAER GPA CD59 CD24 CD14 CD16 CD45 CD64</p>	<p>Peripheral blood</p>	<p>No change to LSR Fortessa Lyric verification underway. ETS expected to be submitted for UKAS assessment Summer 2023.</p>	<p>LSR accredited. Lyric not accredited. Extension to scope application in preparation for re-assessment.</p>
<p>CD34+ stem cell absolute count Using the following antisera: CD34 CD45</p>	<p>Blood</p>	<p>No change to LSR Fortessa Lyric verification underway. ETS expected to be submitted for UKAS assessment Summer</p>	<p>LSR accredited. Lyric not accredited. Extension to scope application in preparation for re-assessment.</p>

		2023.	
Measurement of Platelet glycoprotein CD41 CD42a CD61 CD36 CD45 and CD30 (control)	Blood	No change to LSR Fortessa Lyric verification underway. ETS expected to be submitted for UKAS assessment Summer 2023.	LSR accredited. Lyric not accredited. Extension to scope application in preparation for re-assessment.
Monocytosis	Peripheral Blood	New test - Not yet UKAS accredited. ETS expected to be submitted for UKAS assessment Summer 2023.	Not accredited. Extension to scope application in preparation for re-assessment.

Essential Services Laboratory:

Activity	Sample type	Comments	Accreditation Status
Detection of Flu A, B and RSV	Viral swab	ETS application in preparation.	Not yet accredited.
Detection of SARS-COV-2	Viral swab	ETS application in preparation.	Not yet accredited.