


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8407 Accredited to ISO 15189:2022	Royal Wolverhampton NHS Trust operating as Black Country Pathology Services	
	Issue No: 015 Issue date: 23 March 2026	
	Sandwell Health Campus Lyndon West Bromwich B71 4HJ	Contact: Katy New Tel: +44 (0)121 507 4227 Ext 4363 E-Mail: katy.new@nhs.net
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Laboratories Sandwell Health Campus Lyndon West Bromwich B71 4HJ	Local contact Katy New BCPS Quality Manager	Specialist Biochemistry A
Toxicology Laboratory City Health Campus Dudley Road Birmingham B18 7QH	As above	Specialist Biochemistry --Toxicology B
Laboratories: Floor 4 Midland Metropolitan University Hospital Grove Lane Smethwick B66 2QT	As above	Haematology Transfusion C



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Site Activities performed away from the main Address:

Location Details:	Activities
Accident and Emergency	Blood and blood product issue fridge
Theatre	Blood and blood product issue fridge



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY SAMPLES	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Urine	Oxalate	Ilab Aries: Spectrophotometer Quantification of Urinary Oxalate by Automated Spectrophotometer SPEC/SOP/MAN/3	A
Urine	Citrate	Ilab Aries Quantification of Citrate in urine by Automated Spectrophotometer SPEC/SOP/MAN/10	A
Faeces	Quantitative determination of Faecal Calprotectin	ELISA on DS2 Buhlman fCal ELISA kit SPEC/SOP/MAN/23	A
Serum	Adalimumab	Manual ELISA using the Thermo Plate reader and in house method IDKmonitor kits SPEC/SOP/MAN/18	A
Serum	Infliximab	Manual ELISA using in house method IDKmonitor kits SPEC/SOP/MAN/7	A
Serum/Plasma	Cholinesterase	Ilab Aries and in-house method SPEC/SOP/MAN/9	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
	Quantitative determination of		
	<u>Trace Metals</u>	Agilent /8900 Thermo Fisher iCAPRQ by ICPMS	
Blood, serum, plasma, urine	Cobalt Chromium	SPEC/SOP/TM/17 (whole blood and serum)PEC/SOP/TM/40 (urine)	A
Blood/Urine	Lead Manganese Mercury Arsenic Cadmium Thallium Antimony Bismuth	SPEC/SOP/TM39 SPEC/SOP/TM/11 SPEC/SOP/TM/10 SPEC/SOP/TM/40 SPEC/SOP/TM/42	A
Blood	Barium Silver	SPEC/SOP/TM41	A
Blood/Urine	Nickel	SPEC/SOP/TM41 SPEC/SOP/TM/40	A
Plasma/Serum	Aluminium	SPEC/SOP/TM/36	A



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
	Quantitative determination of		
	<u>Trace Metals (cont'd)</u>	Agilent /8900 Thermo Fisher iCAPRQ by ICPMS	A
Serum/ Plasma	Copper Selenium Zinc	SPEC/SOP/TM16	A
Urine	Copper Selenium Zinc Iron	SPEC/SOP/TM/38	A
	<u>Vitamins</u>		
Serum/Plasma	25 hydroxy vitamin D2 25 hydroxy vitamin D3	Waters Acquity UPLC & Xevo/TQD LC MS-MS SPEC/SOP/VIT/003	A
Blood Spots	25 hydroxy vitamin D2 25 hydroxy vitamin D3	Waters Acquity UPLC & Xevo TQS and TQS Micro LC MS-MSSPEC/SOP/VIT/005	A
Whole Blood	Tacrolimus Sirolimus Cyclosporin	Waters Acquity/TQD, TQSM LC MS-MS SPEC/SOP/VIT/022	A
Whole Blood	Tacrolimus Sirolimus Cyclosporin	ABSciex 6500 LC MS-MS SPEC/SOP/VIT/024	A
Serum and plasma	Testosterone Androstenedione 17-hydroxy progesterone DHEAS	ABSciex 6500 LC MS-MS SPEC/SOP/VIT/024	A



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
	<u>Toxicology</u>		
Blood	Amitriptyline Nortriptyline	Quantitative analysis using: HPLC-DAD Dionex Target Absorption/RT SPEC/SOP/TOX/83	A
Blood	Clozapine & norclozapine	Quantitative analysis using: HPLC-UV Prominence Absorption maxima/RT SPEC/SOP/TOX/71	A
Blood/Urine	Ethanol screening & confirmation Methanol screening	Quantitative analysis using: Shimadzu headspace- GC-FID Target ions SPEC/SOP/TOX/81	B
Plasma/Serum	TDM: Quetiapine TDM: Olanzapine	Quantitative analysis using: Waters Aquity UPLC-MS/MS Semi-quantitative MRM SPEC/SOP/TOX/85	B



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Blood	<u>Toxicology (cont'd)</u> Ethylene glycol screening	Quantitative analysis using: Shimadzu GC 2020 plus GC-FID Target ions SPEC/SOP/TOX/88	B
Oral Fluid using Salivette Collection Device	Drugs of abuse screening: Morphine, Codeine Dihydrocodeine, Methadone Buprenorphine Norbuprenorphine Cocaine, Benzoylcegonine Amphetamine Methamphetamine MDA, MDMA, Diazepam Nordiazepam Oxazepam Temazepam Lorazepam Thebaine Ketamine Tramadol Mephedrone, 4-MEC Ethylphenidate Methiopropamine Adamantyl-NOID	Waters Acquity UPLC-MS/MS Semi-quantitative MRM Screening for drugs of abuse in urine and oral fluid by UPLC-MS/MS (drug screening panel version 1.0) SOP/SPEC/TOX/126	B



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Urine	<u>Toxicology (cont'd)</u> Drugs of abuse screening: Morphine Codeine Dihydrocodeine 6MAM Methadone EDDP Buprenorphine Norbuprenorphine Benzoylcegonine Amphetamine Methamphetamine MDMA Diazepam Nordiazepam Oxazepam Temazepam Lorazepam Thebaine Ketamine N-desmethyltramadol Mephedrone Clonazepam Alprazolam Etizolam Zopiclone Pregabalin Gabapentin Mirtazapine Promethazine Quetiapine Fentanyl	Waters Acquity Xevo TQD UPLC-MS/MS Semi-quantitative MRM Screening for drugs of abuse in urine and oral fluid by UPLC-MS/MS (drug screening panel version 1.0) SOP/SPEC/TOX/126	B



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Urine	<u>Toxicology (cont'd)</u> Drugs of abuse screening (qualitative screening and quantitative analysis): Codeine Morphine Dihydrocodeine 6-MAM Diazepam Nordiazepam Oxazepam Temazepam Lorazepam Alprazolam 7-amino clonazepam BZE Amphetamine Methamphetamine MDMA Methadone EDDP Mephedrone Methylphenidate MDPV Demoxepam a-hydroxymidazolam Norclobazam 7-amino flunitrazepam Norketamine Zopiclone Gabapentin Pregabalin Promethazine Quetiapine Cocaethylene Cocaine Oxycodone Buprenorphine Norbuprenorphine Fentanyl Tramadol	Waters Xevo TQS micro System UPLC MS/MS using Chromsystems assay kit SPEC/SOP/TOX/127	B



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Plasma and Urine	<u>Toxicology</u> (cont'd) Detection and quantitation of synthetic cannabinoids: AMB-FUBINACA 5F-ADB 5F-MDMB-PICA 4F-MDMB-BINACA MDMB-4en-PINACA ADB-BUTINACA	Waters Acquity /Xevo TQD Micro UPLC MS-MS SPEC/SOP/TOX/37	B
Urine	Cannabis metabolite 11-nor-9-carboxy-delta-9-tetrahydrocannabinol (THC-COOH)	Waters Acquity TQD MS-MS SPEC/SOP/TOX/69	B
Urine	Ethyl glucuronide (EtG) Ethyl sulphate (EtS)	Waters Acquity TQD Micro MS-MS SPEC/SOP/TOX/117	B
	Drugs of Abuse Confirmation Amphetamines Amphetamine Methamphetamine MDMA Methadone and metabolite Methadone EDDP Cocaine metabolite Benzoyllecgonine	Quantification of Amphetamine (amphetamine, methamphetamine, MDMA, MDA) Methadone, EDDP and Benzoyllecgonine in urine by Waters LC-MS/MS SPEC/SOP/TOX/72	B



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HUMAN BODY SAMPLES (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Biological material	<u>Toxicology (cont'd)</u> Unknown toxicology screen: General drugs screen (positive electrospray) as per Waters (Masslynx 4.1 TOF TOX database 1)	Waters Xevo UPLC-MS/TOF Exact mass/RT Toxicology screening using the Waters Xevo G2 TOF: General drug screening method with positive electrospray SPEC/SOP/TOX/106	B
	Unknown toxicology screen: General drugs screen (negative electrospray) as per Waters (Neg-ion-library-201115)	Toxicology screening using the Waters Xevo G2 TOF: General drug screening method with negative electrospray SPEC/SOP/TOX/107	B



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HUMAN BODY SAMPLES (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	C
Venous whole blood: EDTA unless otherwise specified			
Whole blood EDTA	Full Count FBC Haemoglobin Red cell count Haematocrit white blood cells (WBC) Differential WBC count Reticulocytes MCV MCH MCHC NRBC Platelets	Sysmex XN-9100 Track comprising 2 x Sysmex XN10 and 2 x Sysmex XN 20 HAE/SOP/H299	C
	Erythrocyte Sedimentation Rate (ESR)	StaRRsed RS ESR HAE/SOP/050	C
	Film reporting and WBC Diff	Film reporting and WBC Diff Automated preparation and May Grunwald and Giemsa staining SP50 slide maker/stainer and Olympus BX43 microscopes HAE/SOP/075	
Bone Marrow	Detection of Haemosiderin	Manual Iron stain HAE/SOP/H33	C



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Plasma: citrated		Werfen ACL Top 350 Analyser clot detection, latex agglutination and quantitative chromogenic assays HAE/SOP/C9	C
	Prothrombin time Activated partial Thromboplastin time (APTT) Fibrinogen D Dimer	HAE/SOP/C8 HAE/SOP/C5 HAE/SOP/C6 HAE/SOP/C10	
Whole Blood EDTA	Detection of combined HRP2 and pLDH P falciparum antigen and pan species plasmodial antigen (P. falciparum, P. vivax, P, malariae, P. ovale)	CareUS Rapydtest Immunochromatographic assay HAE/SOP/H20	C
Whole Blood EDTA	Screening for malarial parasites	Thick and thin blood films HAE/SOP/H20	C
Whole Blood EDTA	Sickle solubility (HbS)	Microgen Sickle Kit Manual method HAE/SOP/068	C
Whole Blood EDTA	G6PD screen	Trinity Biotech G6PD screening kit Manual method HAE/SOP/H12	C
Whole Blood EDTA	Glandular Fever Screen for Infectious Mononucleosis	Alere Clearview IM kit Manual method HAE/SOP/H10	C



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HUMAN BODY SAMPLES (cont'd)	Blood Transfusion examination activities for the purpose of clinical diagnosis (cont'd)	Documented In-house methods using:	C
Venous blood	Blood grouping ABO Rh (D C c E e) DAT	Ortho Vision Swift analyser using gel card agglutination technology BT-SOP-042	
Venous blood	Antibody detection: Rh (C D E c e) K Fya Fyb JKa JKb M S s	BT-SOP-042	C
Venous blood	Compatibility testing of patient's plasma with donor cells	BT-SOP-045	C
Venous blood	Red cell phenotype Rh (D C c E e) K	BT-SOP-042	C
Venous blood	Antibody investigation: Rh (C D E c e) K Fya Fyb JKa JKb M S s	BT-SOP-042	C
Venous Blood	Estimation of fetomaternal haemorrhage (FMH)	Guest Medical Kleihauer Manual method BT-SOP-048	C
END			