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: 017 **Issue date:** 18 June 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

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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	Biochemistry examination activities for the purpose of clinical diagnosis	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
	Quantitative determination of:		
Faeces	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)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Quantitative determination of: (cont'd)	Documented In-house methods using:	
	Trace Metals	Agilent /8900 Thermo Fisher iCAPRQ by ICPMS	
Blood, serum, plasma, urine	Cobalt Chromium	SPEC/SOP/TM/17 (whole blood and serum) SPEC/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
Serum/ Plasma	Copper Selenium Zinc	SPEC/SOP/TM16	A
Urine	Copper Selenium Zinc Iron	SPEC/SOP/TM/38	A

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HUMAN BODY SAMPLES (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Quantitative determination of: (cont'd) Vitamins	Documented In-house methods using:	
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, TQS-Micro 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 Toxicology	ABSciex 6500 LC MS-MS SPEC/SOP/VIT/024	A
Blood	Amitriptyline Nortriptyline	Quantitative analysis using: HPLC-DAD Dionex Target Absorption/RT SPEC/SOP/TOX/83	B
Blood	Clozapine & norclozapine	Quantitative analysis using: HPLC-UV Prominence Absorption maxima/RT SPEC/SOP/TOX/71	B

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HUMAN BODY SAMPLES (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Toxicology (cont'd)	Documented In-house methods using:	
Blood/Urine	Ethanol screening & confirmation Methanol screening	Quantitative analysis using: Shimadzu headspace- GC-FID Target ions SPEC/SOP/TOX/81	B
EDTA plasma	TDM: Quetiapine TDM: Olanzapine	Quantitative analysis using: Waters Aquity UPLC-MS/MS Semi-quantitative MRM SPEC/SOP/TOX/85	B
Blood	Ethylene glycol screening	Quantitative analysis using: Shimadzu GC 2020 plus GC-FID Target ions SPEC/SOP/TOX/88	B

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HUMAN BODY SAMPLES (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Toxicology (cont'd)	Documented In-house methods using:	
Oral Fluid using Salivette Collection Device	Drugs of abuse screening: Morphine Codeine Dihydrocodeine, Methadone EDDP Buprenorphine Norbuprenorphine Cocaine, Benzoylecgnonine 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)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Toxicology (cont'd)	Documented In-house methods using:	
Urine	Drugs of abuse screening: Morphine Codeine Dihydrocodeine 6MAM Methadone EDDP Buprenorphine Norbuprenorphine Benzoylecgnonine 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)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Toxicology (cont'd)	Documented In-house methods using:	
Urine	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 Zopliclone 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)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)	Documented In-house methods using:	
	Toxicology (cont'd)		
Plasma and Urine	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-tetrahydrocannbinol (THC-COOH)	Waters Acquity TQD MS-MS SPEC/SOP/TOX/69	B
Urine	Ethyl glucuronide (EtG) Ethyl sulphate (EtS)	Waters Acquity TQS Micro MS-MS SPEC/SOP/TOX/117	B
	Drugs of Abuse Confirmation Amphetamines Amphetamine Methamphetamine MDMA Methadone and metabolite Methadone EDDP Cocaine metabolite Benzoylecgonine	Quantification of Amphetamine (amphetamine, methamphetamine, MDMA, MDA) Methadone, EDDP and Benzoylecgonine in urine by Waters LC-MS/MS SPEC/SOP/TOX/72	B

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HUMAN BODY SAMPLES (cont'd)	Biochemistry examination activities for the purpose of clinical diagnosis (cont'd) Toxicology (cont'd)	Documented In-house methods using:	
Urine/Blood	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
END			