


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8142 Accredited to ISO 15189:2012	NHS Grampian	
	Issue No: 006 Issue date: 19 January 2022	
	Link Building Biochemistry Aberdeen Royal Infirmary Aberdeen AB25 2ZD United Kingdom	Contact: Ann Milne Tel: +44 (0)1224 552407 E-Mail: Ann.milne2@nhs.scot
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 Aberdeen Royal Infirmary Aberdeen AB25 2ZD United Kingdom Local contact Ann Milne Tel: 01224 552407 E Mail: Ann.milne2@nhs.scot	Core and special clinical Biochemistry	A
Address Department of Medical Laboratory Sciences Dr Gray's Hospital Elgin IV30 1SN Local contact Ann Milne Tel: 01343 567320 E-mail Ann.milne2@nhs.scot	Core biochemistry	B
Address David Anderson Building Cornhill Road Foresterhill Aberdeen AB25 1LD Local contact Ann Milne Tel: 01224 552407 E-Mail: Ann.milne2@nhs.scot	Diabetic Clinic	C
Address Out Patients Department Royal Aberdeen Children's Hospital Westburn Road Foresterhill Aberdeen AB25 2ZG Local contact Ann Milne Tel: 01224 552407 E-Mail: Ann.milne2@nhs.scot	Sweat test	D



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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 FLUIDS body fluids and tissue	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house methods using manufacturer's instructions	A,B
Serum/plasma/urine/fluid	Amylase	Abbott Alinity c Photometry, using SOPs: C-LP 350 008	
Serum/Plasma/Urine	Chloride Sodium Potassium Urea Uric Acid Magnesium	C-LP 350 058 C-LP 350 070 C-LP 350 0569 C-LP 350 045	
Serum/Urine	Albumin Alkaline Phosphatase Calcium Creatinine Enzymatic	C-LP 350 002 C-LP 350 004 C-LP 350 018 C-LP 350 026	
Serum/Plasma	Alcohol Bicarbonate Creatinine Kinase Gamma GT HDL Lactic Acid Salicylate Total Protein Triglyceride	C-LP 350 003 C-LP 350 014 C-LP 350 025 C-LP 350 034 C-LP 350 037 C-LP 350 041 C-LP 350 055 C-LP 350 065 C-LP 350 067	
Serum	Bilirubin Direct Bilirubin total Alanine Aminotransferase Lithium Phosphorous	C-LP 350 029 C-LP 350 064 C-LP 350 001 C-LP 350 043 C-LP 350 039	



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HUMAN BODY FLUIDS body fluids and tissue	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house methods, using manufacturer's instructions	
Serum	ACE Ammonia	Abbott Alinity c Photometry, using SOPs: C-LP 350 009 C-LP 350 007	A
Serum/Plasma	Iron Lactose Dehydrogenase (LDH) Lipoprotein (a) and (b)	C-LP 350 040 C-LP 350 042 C-LP 350 012	
Urine	Microalbumin	C-LP 350 078	
Serum	Therapeutic drugs <ul style="list-style-type: none"> • Phenytoin • Phenobarbitone • Theophylline • Valproic Acid • Carbamazepine 	C-LP 350 078	A
Urine	Drugs of Abuse Amphetamine Barbiturates Benzos Methadone Opiates THC	C-LP 350 078	A
	Digoxin Antibiotic Assay <ul style="list-style-type: none"> • Gentamicin • Vancomycin 	Abbott Alinity c, PETINA, using SOPs: , C-LP 350 028 , C-LP 350 010	A



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HUMAN BODY FLUIDS body fluids and tissue	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house methods using manufacturer's instructions	
Serum/Plasma	CRP (high sensitivity) Alpha-1-Antitrypsin Caeruloplasmin Immunoglobulins <ul style="list-style-type: none"> IgA IgG IgM 	Abbott Alinity c, Turbidimetric/Immunoturbidimetric, using SOPs: C-LP 350 024 C-LP 350 005 C-LP 350 017 C-LP 350 017 C-LP 350 071	A,B A
Serum/Plasma/CSF	Transferrin	C-LP 350 066	
Urine/CSF	Albumin	C-LP- 350 073	
Plasma/CSF	Glucose	Abbott Alinity c, Enzymatic assay, using SOPs: C-LP 350 035	A,B
Serum/Plasma	AST Paracetamol Cholesterol Bile Acid	C-LP 350 013 C-LP 350 049 C-LP 350 020 C-LP 350 015	A
Serum/Plasma	Cortisol DHEAs Methotrexate Oestradiol Progesterone Tacrolimus Testosterone	Abbott Alinity I, one step CIMA, using SOPs: C-LP 350 022 C-LP 350 078 C-LP 350 078 C-LP 350 078 C-LP- 350 052 C-LP- 350 059 C-LP 350 078	A



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Serum/Plasma	<u>BHCG</u> AFP ATG NCA125 CEA CSA FT3 FT4 FSH	Abbott Alinity I, two step CIMA, using SOPs: C-LP- 350 036 C-LP- 350 006 C-LP- 350 011 C-LP- 350 016 C-LP- 350 019 C-LP- 350 021 C-LP- 350 032 C-LP- 350 033 C-LP- 350 031	A,B A
Serum/Plasma	HSTNlu PSA (total) PTH SHBG TSH	Abbott Alinity I, Immunoassay using SOPs: C-LP- 350 068 C-LP- 350 054 C-LP- 350 050 C-LP- 350 057 C-LP- 350 063	A,B A
Serum/Plasma	LH Macroprolactin NTBNP PCT Prolactin	Abbott Alinity I, two step Immunoassay using SOPs: C-LP- 350 063 C-LP 350 076 C-LP- 350 063 C-LP- 350 063 C-LP- 350 063	A
	ACTH GH IGF-1 Thyroglobulin	Abbott Alinity I, Immunometric assay, using SOPs: C-LP 350 077 C-LP 350 074 C-LP 350 075 C-LP 350 062	



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HUMAN BODY FLUIDS body fluids and tissue	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house methods using manufacturer's instructions	
Whole Blood	<u>HbA1C</u>	Tosoh G11 – HPLC. using SOP: C-LP 200 043	A, B and C
Serum/Plasma/CSF	<u>Chemistry- Amino Acids</u>	Biochrom 30+ Amino acid Analyser using SOP- LP 500 002 Detected by HPLC	A
Stool	Faecal Calprotectin	Alergria Orgentec Clinical ELISA Analyser using enzyme linked immune reaction, using SOP: SOP:C-LP 200 074	A
SerumUrine	Osmolality	Using Advanced Instruments Osmometer 1 and 2, using SOP: LP 200 024 Detected by freezing point depression	A and B
	<u>Chemistry Specific Proteins</u>	In house methods using Cobas b221 Blood Gas analyser, using SOP@ LP 650 005	A
Whole Blood	pH arterial pCO2 pO2 Hydrogen ion concentration Sodium Potassium Ionised Calcium Glucose Lactate Total Haemoglobin Oxyhaemoglobin Carboxyhaemoglobin Desoxyhaemoglobin Methaemoglobin	Detected by potentiometry By photometry	



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house methods using manufacturer's instructions	
	<u>Chemistry Specific Proteins</u> (cont'd)	In house methods using Cobas b221 Blood Gas analyser, using SOP: LP 650 005	
Whole Blood	Base excess Standard bicarbonate Actual bicarbonate Oxygen Saturation Calculated haematocrit	By calculation	A
Serum/Urine/CSF	Protein Electrophoresis and Immunofixation Oligoclonal Bands	Using Helena SAS 3 and 4, V8 by Detection of paraprotein bands using, SOPs: LP 200 071 LP 200 017 LP 200 072 LP 200 015	A
Serum/Plasma	Ammonia	PocketChem BA -Detected by photometry, using SOPs: LP 330 001 LP 850 013	A and B
CSF	Haemoglobin breakdown products	Uvikon Spectrophotometer using SOP: LP 200 057	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house methods using manufacturer's instructions	
Sweat	Sweat Chloride	Wescor Sweat-Chek 3120, using SOP: LP 650 008	A
	Sweat		D
Blood	Positive drug screen confirmations <ul style="list-style-type: none"> • Opiates • Methadone metabolites 	Finnigan Thermo LXQ and Waters Acquity Xevo LC-MS/MS Chromatograph/mass spectroscopy, using SOPs: LP 100 012 LP 100 052 LP 100 174 LP 100 175 LP 100 177	A
Urine	<ul style="list-style-type: none"> • Urine Opiates • Urine Cocaine • Urine Methadone • Urine Benzodiazepine • Urine THC 	LP 100 174 LP 100 175 LP 100 176 LP 100 177 LP 100 001	
Blood/Urine	Benzodiazepine Screen Barbiturate Screen Tricyclic Antidepressant Screen	RapidTest d.a.u Macroscopic detection, using SOPs: LP 100 081 LP 100 082 LP 100 083	A
	Ethylene Glycol Methanol	Thermo TRACE GC Ultra Gas Chromatography Mass spectroscopy, using SOPs LP 100 028 LP 100 061	A
Urine	Porphobilinogen	In house manual methods- HPLC with electrochemical detection, using SOP: LP 200 064	A
END			