

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



10294

Accredited to
ISO 15189:2022

Norfolk and Norwich University Hospitals NHS Foundation Trust Trading as Eastern Pathology Alliance

Issue No: 009 Issue date: 06 June 2025

Clinical Biochemistry
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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis:</u>	In house methods in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma	Acetaminophen (Paracetamol)	Spectrophotometric: Third party SEKURE Acetaminophen L3K assay EPA-BIOP-329
Serum/Plasma	Angiotensin-Converting Enzyme (ACE)	Enzymatic: Third party Buhlmann EPA-BIOP-303
Serum/Plasma	Alanine Aminotransferase/Transaminase	Enzymatic NADH (without P-5'-P) EPA-BIOP-331
Serum/Plasma	Albumin	Colorimetric (Bromocresol Purple) EPA-BIOP-301
Serum/Plasma	Alcohol (Ethanol)	Enzymatic (Alcohol Dehydrogenase) EPA-BIOP-334
Serum/Plasma	Alkaline Phosphatase	Para-nitro phenyl Phosphate EPA-BIOP-330
Plasma	Ammonia	Glutamate dehydrogenase EPA-BIOP-333
Serum/Plasma/Urine	Amylase	Enzymatic (CNP3 Substrate) EPA-BIOP-332



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma	AST	Enzymatic NADH (without P-5'-P) EPA-BIOP-305
Serum/Plasma	Bicarbonate/Carbon Dioxide	PEP carboxylase EPA-BIOP-336
Serum/Plasma	Bile acids	Enzymatic Cycling Colorimetric EPA-BIOP-360
Serum/Plasma	Bilirubin (direct)	Diazo reaction EPA-BIOP-345
Serum/Plasma	Bilirubin (total)	Diazonium Salt EPA-BIOP-344
Serum/Plasma/Urine	Calcium	Arsenazo III EPA-BIOP-339
Serum/Plasma	Cholesterol	Enzymatic EPA-BIOP-337
Serum/Plasma/Urine	Chloride	Ion selective electrode (ISE) – Indirect EPA-BIOP-361
Serum/Plasma/Urine	Creatinine	Enzymatic EPA-BIOP-307
Serum/Plasma	C-Reactive Protein	Turbidimetric/Immunoturbidimetric EPA-BIOP-351
Serum/Plasma	Creatinine Kinase	NAC (N-acetyl-L-cysteine) EPA-BIOP-350
Serum/Plasma	Digoxin	Particle-enhanced turbidimetric inhibition assay (PETINIA) EPA-BIOP-320



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma	Gammaglutamyl transferase	L-Gamma-glutamyl-3-carboxy-4-nitroanilide substrate EPA-BIOP-353
Serum/Plasma	Gentamicin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA) EPA-BIOP-321
Serum/Plasma/Urine/CSF	Glucose	Enzymatic (Hexokinase/G-6-PDH) EPA-BIOP-328
Serum/Plasma	Ultra-High Density Lipoprotein (HDL) Cholesterol	Accelerator Selective Detergent EPA-BIOP-317
Serum/Plasma	Iron	Ferene EPA-BIOP-354
Plasma/CSF	Lactate	Lactic acid to pyruvate EPA-BIOP-341
Serum/Plasma	Lactate Dehydrogenase (LDH)	IFCC recommended forward reaction - Lactate to Pyruvate EPA-BIOP-310
Serum/Plasma	Lithium	Spectrophotometric method (colorimetric) EPA-BIOP-322
Serum/Plasma	Magnesium	Enzymatic EPA-BIOP-311
Urine	Micro albumin	Turbidimetric/immunoturbidimetric EPA-BIO-343
Serum/Plasma	Phenytoin	Enzymatic EPA-BIOP-347
Serum/Plasma/Urine	Phosphate	Phosphomolybdate EPA-BIOP-355



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma/Urine	Potassium	Ion selective electrode (ISE) – Indirect EPA-BIOP-361
Serum	Rheumatoid Factor	Immuno Turbidimetric EPA-BIOP-339
Serum/Plasma	Salicylate (Aspirin)	Enzymatic/Colorimetric EPA-BIOP-313
Serum/Plasma/Urine	Sodium	Ion selective electrode (ISE) – Indirect EPA-BIOP-361
Serum/Plasma	Theophylline	Enzymatic EPA-BIOP-346
Serum/Plasma	Tobramycin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA) EPA-BIOP-359
Serum/Plasma	Total Protein	Biuret EPA-BIOP-338
Urine/CSF	Total Protein	Benzethonium Chloride EPA-BIOP-362
Serum/Plasma	Transferrin	Immunoturbidimetric EPS-BIOP-356
Serum/Plasma	Triglycerides	Glycerol Phosphate Oxidase EPA-BIOP-315
Serum/Plasma/Urine	Urate/Uric Acid	End point uricase EPA-BIOP-357
Serum/Plasma/Urine	Urea	Urease EPA-BIOP-318



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma	Vancomycin	Particle-enhanced turbidimetric inhibition immunoassay (PETINIA) EPA-BIOP-358
Serum/Plasma	Anti-CCP	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-304
Serum/Plasma	Beta-Human Choronic Gonadotrophin	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-348
Serum/Plasma	Carcinoembryonic antigen (CEA)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-306
Serum/Plasma	Cortisol	One step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-302
Serum/Plasma	Ferritin	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-308
Serum/Plasma	Folate	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-340
Serum/Plasma	Free T3 (3,5,3' Triiodothyronine)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-352
Serum/Plasma	Free T4 (Thyroxine)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-309
Serum/Plasma	Follicle Stimulating Hormone (FSH)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-324



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum/Plasma	Luteinising Hormone (LH)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-327
Serum/Plasma	Methotrexate	One step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-323
Serum/Plasma	Progesterone	One step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-326
Serum	Prostate Specific Antigen (PSA)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-312
Serum/Plasma	Sex Hormone Binding Globulin (SHBG)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-325
Serum/Plasma	Thyroid Stimulating Hormone (TSH)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-316
Plasma	Hs Troponin I	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-314
Serum/Plasma	Vitamin B12	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-335
Serum/Plasma	Vitamin D	One step immunoassay using chemiluminescent microparticle immunoassay (CMIA) EPA-BIOP-319



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using:
Serum	Active B12 (Holotranscobalamin)	One step immunoassay using chemiluminescent microparticle immunoassay (CMIA) EPA-BIOK-073
Serum/Plasma/Urine	Calculated tests: Adjusted Calcium Acute Kidney Injury (AKI) 24hr urine Calcium 24hr urine Chloride 24hr urine Creatinine 24 hr urine Phosphate 24hr urine Sodium 24hr urine Urate 24hr urine Electrolytes Electrolytes (non 24hr) Creatinine Clearance eGFR (EPI) Globulin HDL/Total Cholesterol Ratio LDL Urine Albumin-Creatinine Ratio Urine Protein Excretion	



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HUMAN BODY FLUIDS	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house methods in conjunction with manufacturer's instructions using: Roche Cobas 6000 - e601 Immunoassay with ECL detection
Serum	CA 19-9	EBN-ASCP-011
Serum	CA 125	EBN-ASCP -054
Serum	CA 153	EBN-ASCP-012
Serum/ Li-Hep	NT-ProBNP	EBN-ASCP-032
Serum	Estradiol	EBN-ASCP-010
Serum	Testosterone	EBN-ASCP-028
EDTA plasma	Parathyroid Hormone	EBN-ASCP-055
Serum	Anti-TPO	EBN-ASCP-013
Serum	AFP	EBN-ASCP-014
Serum	P1NP	EBN-ASCP-056
EDTA plasma	CTX	EBN-ASCP-016



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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 in conjunction with manufacturer's instructions using: Siemens Immulite 2000 Chemiluminescent immunoassay
Serum	Thyroglobin	EBN-ASCP-051
Serum	Prolactin	EBN-ASCP-030
Serum	IGF-1	EBN-ASCP-033
Serum	ATG	EBN-ASCP-017
Serum	Growth Hormone	EBN-ASCP-053
Serum	DHEAS	EBN-ASCP-018
EDTA plasma	ACTH	EBN-ASCP-052
Serum	TSI	EBN-ASCP-019
Sweat	Chloride	Wescor Chlorocheck, coulometric titration EBN-BIOP-005
Serum/Plasma/Urine	Osmolality	Freezing point depression in conjunction with Advanced Osmometer EPA-BIOP-004
CSF	Xanthochromia	Spectrophotometry EBN-BIOP-110
Pre-extracted faeces	Haemoglobin (quantitative)	OC Sensor io Immunoturbidimetry EBN-ASCP-022
CSF, serum	Oligoclonal Bands	Sebia Hydrasys2 Isoelectric focusing using Hydragel 9 EBN-ENDP-009



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis: (cont'd)</u> <u>Trisomy Screening</u> Quantitation of: Free beta hCG PAPP-A	In house methods in conjunction with manufacturer's instructions using: Documented in-house methods to meet the requirements of the Foetal Anomaly Screening Programme as defined in the July 2018 Foetal Anomaly Screening Laboratory QA evidence requirements. Perkin Elmer AutoDelfia fluorescence immunoassay EBN-ASCP-045 EBN-ASCP-046
Serum		
Serum		
END		