

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



Accredited to
ISO 15189: 2022

Norfolk and Norwich University Hospital NHS Foundation Trust trading as Eastern Pathology Alliance

Issue No: 008 Issue date: 22 December 2025

Norfolk and Norwich University Hospital
Colney Lane
Norwich
NR4 7UY

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Location details	Activity
Address Blood Transfusion Laboratory Norfolk and Norwich University Hospital Colney Lane Norwich NR4 7UY	Local Contact Eleanor Byworth Blood Storage in two stock fridges and two issue fridges
Address <ul style="list-style-type: none">Delivery WardNCIR Main theatres All based within Norfolk and Norwich University Hospital Colney Lane Norwich NR4 7UY	Local Contact Eleanor Byworth Blood Storage fridges



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematology examination activities for the purpose of clinical diagnosis:</u>	In house methods in conjunction with manufacturer's instructions using:
EDTA Whole Blood	Full Blood Count including: Haemoglobin Haematocrit (Hct) Red Cell Count Nucleated RBC Mean Cell Haemoglobin (MCH) Mean Cell Haemoglobin Concentration (MCHC) Mean Cell Volume (MCV) White cell count (WBC) Neutrophil count Monocyte count Lymphocyte count Eosinophil count Reticulocyte count	Abbott Alinity HSQ analyser by flow cytometry, haematocrit (Hct), MCH and MCHC by calculation. SOP: EPA-HAP-001



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd):	In house methods in conjunction with manufacturer's instructions using:
EDTA Whole Blood	Blood film reporting of normal and abnormal morphologies	Abbott Alinity HS slide maker and stainer (SMS) (Wrights Stain) Microscopy: May Grunwald Giemsa SOP: EPA-HAP-002
EDTA Whole Blood	Identification of Malaria spp parasites spp P. falciparum, P. vivax, P. malariae & P. ovale	Manual slide preparation, staining and Microscopy. Thin films: Giemsa ph7.2 Thick films: Fields stain SOP: EPA-HAP-004
EDTA Whole Blood	Detection of malarial parasites spp Plasmodium falciparum HRP2 & P. falciparum, P. vivax, P. ovale, P. malariae Pan LDH	Apacor CareUS Rapydtest SOP: EPA-HAP-004
EDTA Whole Blood	Detection of Epstein Barr virus	Accusay Launch kit SOP: EPA-HAP-005
EDTA Whole Blood	Erythrocyte sedimentation rate (ESR)	Automated using Alifax test1 Photometric capillary stopped flow kinetic analysis SOP: EPA-HAP-003
EDTA Whole Blood	Erythrocyte sedimentation rate (ESR)	Automated using Jo Plus ESR analyser EPA-HAP-003
		Documented in-house methods to meet the requirements of the Sickle cell and Thalassaemia screening programme, as defined in the July 2018 Sickle cell and Thalassaemia screening programme: laboratory QA evidence requirements
EDTA Whole Blood	Haemoglobin S variant screen	ClinTech Sickle Solubility Test Kit SOP: EPA-HAP-007
EDTA Whole Blood	Detection of abnormal haemoglobin (HbA2 and HbF) and putative identification of Hb variants Hb S, C, D- Punjab, E, O-Arab, Lepore	Sebia Capillarys OCTA 3 piercing analyser using capillary electrophoresis SOP: EPA-HAP-008 and 009



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purpose of clinical diagnosis:</u>	In house methods in conjunction with manufacturer's instructions using: Werfen ACL TOPS 550
Citrated Plasma	APTT	Synthasil and SOP EPA-HAP-043
Citrated Plasma	PT/INR	Recombiplastin 2G and SOP EPA-HAP-042
Citrated Plasma	Fibrinogen	Quantified Fibrinogen assay (Q.F.A) EPA-HAP-044
Citrated Plasma	D-Dimer	Latex Dimer Assay HS500 EPA-HAP-045
Citrated Plasma	Thrombin Time	Bovine Thrombin EPA-HAP-045
Citrated Plasma	Intrinsic Factor assays FXII, FXI, FVIII, FIX)	1 stage APTT SynthSil EPA-HAP-049
Citrated Plasma	Extrinsic and common Pathway Factor Assays (FX, FV, FVII, FII)	1 stage PT Recombiplastin 2G EPA-HAP-049
Citrated Plasma	Von Willebrands Antigen assay	Immunoturbidimetric anti-VWF EPA-HAP-050
Citrated Plasma	Von Willebrands Activity assay	Immunoturbidimetric anti-GP1b EPA-HAP-050
Citrated Plasma	Antithrombin Assay	Chromogenic EPA-HAP-048
Citrated Plasma	Protein C assay	Chromogenic EPA-HAP-048
Citrated Plasma	Protein S assay	Immunoturbidimetric EPA-HAP-048
Citrated Plasma	Lupus Anticogulant Screen	Dilute Russels Viper Venom (DRVV) and Lupus Sensitive (Synthsil SP) EPA-HAP-047
Citrated Plasma	LMWH Assay	Anti-Xa LMWH assay EPA-HAP-051



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purpose of clinical diagnosis:</u> (cont'd)	In house methods in conjunction with manufacturer's instructions using:
Citrated Plasma	Dabigatran Assay	Dilute thrombin time assay EPA-HAP-052
Citrated Plasma	Rivaroxaban Assay	Anti Xa chromogenic assay EPA-HAP-051
Citrated Plasma	Apixaban Assay	Anti Xa chromogenic assay EPA-HAP-051
Citrated Plasma	Edoxaban	Anti Xa chromogenic assay EPA-HAP-051
	<u>Blood Transfusion examinations to assist in clinical investigations</u>	In house documented methods incorporating manufacturers' instructions as required
Maternal blood and cord	Foetal Maternal Haemorrhage	Kleihauer technique: Thin blood films stained using Guest Medical Foetal Red Cell Detection Kit using procedure: ETN-P-022
Whole Blood	Blood Grouping antigen/antibody reactions: A, B, AB and O blood groups and RhD positive & RhD negative types	Using automated and manual techniques and Grifols column agglutination cards. Using SOPs ETE-P-048 (automated) and ETE-P-050 (manual)
Whole Blood	Antibody screen and identification of: D,C,c,E,e,Cw,K,k,Kpa,Fya,Fyb,Jka,Jkb,Lea,Leb,P1,M,N,S,s	Using automated and manual techniques and Grifols column agglutination cards. Using SOPs ETE-P-048 (automated) and ETE-P-050 (manual)



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required
Whole Blood	Compatibility testing including serological crossmatch (patient plasma against donor red cells)	Indirect Antiglobulin Test by manual Grifols column agglutination using procedures: ETE-P-050 Manual Blood grouping, antibody screening, identification and crossmatching techniques in blood transfusion ETN-P-010 Crossmatch procedures ETE-P-011 Crossmatch Policy
Whole Blood	Direct Antiglobulin Testing (DAT)	by antigen/antibody reactions using polyspecific AHG, anti IgG and anti C3d Grifols column agglutination cards by Automated: Grifols Eflexis. SOP ETE-P-048, and Manual: Grifols column agglutination using procedures: ETE-P-050.
Whole Blood	Red cell phenotypes for: C,c,E,e,K,Jka,Jkb,M,A1,Fya,Fyb,S,s	ETE-P-021 Automated Method: C,c,E,e,K. on the Grifols Eflexis Blood Group Analyzers. using Grifols column agglutination phenotype cards Manual Methods: C,c,E,e,K. using Grifols column agglutination phenotype cards (immediate spin) and Jka,Jkb,M,A1,Fya,Fyb,S,s using Grifols column agglutination cards and monoclonal antisera for red cell antigen detection (immediate spin or IAT), and tube techniques using monoclonal antisera spin technique



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified.
Serum, Plasma	Quantification of the following: Caeruloplasmin IgG IgA IgM Complement C3, C4 B2 Microglobulin IgG Subclasses 1, 2, 3, 4 Serum Free Kappa Light Chain Serum Free Lambda Light Chain A1AT	Siemens BNII Nephelometer using Siemens reagents EBN-IMMP-062
Plasma	Quantiferon TB Gold Plus	Automated ELISA Dynex DS2, Qiagen reagents EBN-IMMP-085
Serum, Plasma	Intrinsic Factor Antibody	Automated ELISA Dynex DS2, Werfen reagents: EBN-IMMP-085
Serum, Plasma	Detection of extended liver blot to include: AMA-M2, M2-3E (BPO), Sp100, PML, gp210, LKM-1, LC-1, SLA/LP and Ro-52	Euroimmun EuroBlotOne, Euroimmun reagents EBN-IMMP-042
Serum, Plasma	Detection of: Anti-nuclear antibodies (HEP2) ANCA LKS antibodies (ANA, GPC, AMA, SMA, LKM, LC-1, Reticulin R1) and smooth muscle titres Islet cell antibodies Skin antibody (pemphigus/pemphigoid) Adrenal antibodies	Indirect immunofluorescence using Quantalyser 240, Quantalink, Werfen/Inova reagents EBN-IMMP-080



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified.
Serum, Plasma	Quantification/Detection of the following: Protein electrophoresis (CZE) Protein Immunotyping (CZE)	Capillary electrophoresis using Sebia Cap 2 Flex and Sebia Cap 3 Tera EBN-IMMP-053
Serum, Plasma	Protein Immunofixation	Hydrasys Agarose Gels EBN-IMMP-053
Faeces	Quantification of the following: Calprotectin	FEIA using ImmunoCAP 250 EBN-IMMP-075
Serum, Plasma	Glomerular basement membrane antibodies (GBM) Myeloperoxidase antibodies (MPO) Proteinase 3 antibodies (PR3) dsDNA antibody ENA screen (symphony)	FEIA using ImmunoCAP 250 EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) U1-RNP, Sm, Ro, La, centromere, Scl, RNA Poll III, Jo-1, Fibrillarin, Rib-P, PM-Scl, PCNA, Mi-2 Anti-Cardiolipin antibody IgG, IgM Beta-2 Glycoprotein 1 antibody IgG, IgM Anti-tissue transglutaminase antibody IgA, IgG Tryptase Total IgE Specific IgE (see below) g6, Timothy g12, Cultivated rye t3, Common silver birch w6, Mugwort m2, Cladosporium herbarum m6, Alternaria alternata d1, House dust mite d2, House dust mite e1, Cat dander e5, Dog dander f1, Egg white f2, Milk f4, Wheat f14, Soybean m3, Aspergillus fumigatus m5, Candida albicans e3, Horse dander f11, Buckwheat f13, Peanut f33, Orange g5, Rye-grass i1, Honey bee venom t5, American beech t9, Olive f3, Fish (cod) m1, Penicillium chrysogenum c1, Penicilloyl G c2, Penicilloyl V e6, Guinea pig epithelium e70, Goose feathers	In house documented procedures based on equipment manuals and standard methods as specified. FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) f6, Barley f7, Oat f10, Sesame seed f12, Pea f15, White bean f18, Brazil nut f20, Almond f23, Crab f24, Shrimp f25, Tomato f26, Pork f75, Egg yolk f27, Beef f31, Carrot f35, Potato f36, Coconut f37, Blue mussel f41, Salmon f44, Strawberry f45, Yeast f49, Apple t19, Acacia g14, Cultivated oat m16, Curvularia lunata f209, Grapefruit f214, Spinach f254, Plaice c6, Amoxicilloyl f54, Sweet potato f55, Common millet f58, Pacific squid f61, Sardine, Pilchard o1, Cotton, crude fibers f256, Walnut i3, Common wasp venom f17, Hazel nut e85, Chicken feathers e86, Duck feathers f79, Gluten f80, Lobster f81, Cheese, cheddar type f82, Cheese, mold type	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) f84, Kiwi fruit f85, Celery f86, Parsley f87, Melon e78, Budgerigar feathers e80, Goat epithelium e81, Sheep epithelium e82, Rabbit epithelium e83, Swine epithelium e84, Hamster epithelium k77, Isocyanate HDI i71, Mosquito f89, Mustard f91, Mango k74, Silk f92, Banana f93, Cacao f95, Peach i70, Fire ant f96, Avocado c73, Insulin human k84, Sunflower seed k86, Trimellitic anhydride, TMA e71, Mouse epithelium e72, Mouse urine proteins e73, Rat epithelium k82, Latex f76, nBos d 4, Milk f77, nBos d 5, Milk f78, nBos d 8, Milk f201, Pecan nut f259, Grape f210, Pineapple f242, Cherry f216, Cabbage f235, Lentil f218, Paprika, Sweet pepper f284, Turkey meat f204, Trout g201, Barley e201, Canary bird feathers f245, Egg	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) f208, Lemon m207, Aspergillus niger e213, Parrot feathers t210, Privet f202, Cashew nut f203, Pistachio f205, Herring f244, Cucumber f255, Plum f260, Broccoli f290, Oyster c74, Gelatin bovine f338, Scallop e196, Parakeet feathers c8, Chlorhexidine f413, Pollock f42, Haddock w45, Alfalfa t201, Spruce e208 Chinchilla epithelium e214, Finch feathers f206, Mackerel w203, Rape e215, Pigeon feathers f262, Aubergine, eggplant f288, Blueberry f279, Chilipepper f221, Coffee f281, Curry (Santa Maria) f219, Fennel seed f276, Fennel fresh f212, Mushroom (champignon) f283, Oregano f294, Passion fruit f253, Pine nut, pignoles f224, Poppy seed f226, Pumpkin seed f287, Red kidney bean f222, Tea f258, Squid t207, Douglas fir	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) e217, Ferret epithelium f302, Mandarin (tangerine, clem f308, Sardine (Pilchard) f309, Chick pea i204, Horse fly t213, Pine f313, Anchovy f315, Green bean f316, Rape seed k212, Abachi wood dust f324, Hop e218, Chicken droppings e219, Chicken serum prot. f328, Fig f335, Lupine seed c202, Suxamethonium (Succinylch f340, Cochineal extract i205, Bumble bee f343, Raspberry f344, Sage f345, Macadamia nut wx3, Weed pollen tx5, Tree pollen mx1, Moulds fx1, Food tx8, Tree pollen fx5, Food ex71, Feathers ex72, Cagebirds fx15, Fruits fx29, Fruits fx22, Nuts f232, nGal d 2, Egg f233, nGal d 1, Egg f416, rTri a 19, Wheat f420, rPru p 3, Peach f422, rAra h 1, Peanut f423, rAra h 2, Peanut f424, rAra h 3, Peanut f425, rCor a 8, Hazel nut f427, rAra h 9 LTP, Peanut f428 rCor a 1 PR-10, Hazel nut	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) f323, nGal d 3, Egg t215, rBet v 1, Birch t216, rBet v 2, Birch f352, rAra h 8, Peanut f433, rTri a 14 LTP, Wheat f439, rCor a 14, Hazelnut f440, nCor a 9, Hazelnut f443, rAna o 3, Cashew nut Phadiatop f48, Onion f277, Dill f268, Clove f270, Ginger f293, Papaya f88, Mutton m70, Pityrosporum orbiculare fx2 Fish screen rx7 Regional mix f225 Pumpkin f40 Tuna f280 Black pepper f325, Sheep milk i75, European hornet f5, Rye f217, Brussel sprouts k76, Isocyanate md1 e89, Turkey feathers f94, pear f333, linseed f83, Chicken w204, Sunflower f211, Blackberry c206, morphine t12, willow f292, guava f247, honey f447, rAra h 6 Peanut f354, rBer e 1 Brazil nut f441, rJug r 1 Walnut f442, rJug r 3 LTP Walnut fx73, Pork, Beef Chicken Mix t220, rBet v 4 Birch	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd) Serum, Plasma (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd) t225, rBet v 6 Birch t221, rBet v 2, rBet v 4 Birch f419, rPru p 1 PR-10 Peach f421, rPru p 4 Profilin Peach mx2, Mould mix mx4, Mould mix tx6, Tree mix f329, watermelon f306, lime f207, clam f261, asparagus f320, Crayfish F8, maize f269, Basil f317, Coriander f47, garlic f9, rice f333, Linseed f353, rGly m 4 PR-10, Soy f227, sugar beet seed f319, Beetroot	In house documented procedures based on equipment manuals and standard methods as specified FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<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: Spectrophotometric: Third party SEKURE Acetaminophen L3K assay EPA-BIOP-329
Serum/Plasma	Acetaminophen (Paracetamol)	
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 (CNPG3 Substrate) EPA-BIOP-332
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



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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 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	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
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



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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
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



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd):</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	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	Glyserol 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
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 Chorionic Gonadotrophin	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-348



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using: Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-306
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
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



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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 in conjunction with manufacturer's instructions using: In house methods in conjunction with Abbott Alinity C and I instructions (EPA-BIOP-300) using: Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-312
Serum	Prostate Specific Antigen (PSA)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-325
Serum/Plasma	Sex Hormone Binding Globulin (SHBG)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-316
Serum/Plasma	Thyroid Stimulating Hormone (TSH)	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-314
Plasma	Hs Troponin I	Two step chemiluminescent micro particle immunoassay (CMIA) EPA-BIOP-335
Serum/Plasma	Vitamin B12	One step immunoassay using chemiluminescent microparticle immunoassay (CMIA) EPA-BIOP-319
Serum	Active B12 (Holotranscobalamin)	One step immunoassay using chemiluminescent microparticle immunoassay (CMIA) EPA-BIOP-073



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd):</u> 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	In house methods in conjunction with manufacturer's instructions using: Roche Cobas 6000 - e601 Immunoassay with ECL detection
Serum/Plasma/Urine	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 (cont'd):</u>	In house methods in conjunction with manufacturer's instructions using: Siemens Immulite 2000 Chemiluminescent immunoassay
Serum	Thyroglobulin	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:</u> (cont'd) <u>Trisomy Screening</u> Quantitation of: Free beta hCG PAPP-A HbA1c Toxicology examination activities for the purposes of clinical diagnosis:	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 Tosoh G11 – HPLC EBN-BIOP-016 In house methods in conjunction with manufacturer's instructions using: Waters TQ-S micro, LC-MSMS, EBN-ASCP-002 EBN-ASCP-001 EBN-ASCP-009 Thermo iCAP RQ, ICP-MS EBN-ASCP-004, Thermo iCAP RQ, ICP-MS EBN-ASCP-004
Serum		
Serum		
Blood EDTA		
Urine		
Urine		
Urine		
Serum		
Serum		



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HUMAN BODY FLUIDS (cont'd)	<u>Toxicology examination activities for the purposes of clinical diagnosis:</u>	In house methods in conjunction with manufacturer's instructions using:
Urine	Toxicology screen	Waters G2-XS, Q- ToF-MS EBN-ASCP-007
Urine	Drugs of Abuse Screen by EMIT Benzodiazepine Cocaine, Opiate, Tetrahydrocannabinol (THC), Methadone.	Siemens xPand EBN- ASC -003

END