


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9332 Accredited to ISO 15189:2012	East Suffolk and North Essex NHS Foundation Trust (ESNEFT)	
	Issue No: 003 Issue date: 20 December 2021	
	Haematology & Blood Transfusion Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Contact: Richard Nevin Nigel Brinkley Tel: +44 (0)1473 703491 E-Mail: Richard.Nevin@esneft.nhs.net Nigel.brinkley@esneft.nhs.net Website: http://www.ESNEFT.nhs.uk/
Testing performed at the above address only		

Laboratory location:

Location details		Activity
Address Haematology & Blood transfusion department Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Local Contact Richard Nevin Nigel Brinkley Tel: 01473 703491	Haematology and Blood Transfusion Phlebotomy



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Site activities performed away from the locations listed above:

Location details		Activity
Address Blood satellite fridge Woolverstone day unit Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Local Contact Nigel BrinkleyTel: 01473 703396	Blood Issue Fridge No testing occurs on this site, blood storage only
Address Blood satellite fridge South Theatre Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Local Contact Nigel BrinkleyTel: 01473 703396	Blood Issue Fridge No testing occurs on this site, blood storage only
Address Blood satellite fridge Somersham Ward Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Local Contact Nigel BrinkleyTel: 01473 703396	Blood Issue Fridge No testing occurs on this site, blood storage only
Address Oncology Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	Local Contact Richard Nevin Tel: 01473 703491	Sysmex XN10 for Full blood counts
Address Landseer Road Phlebotomy 476-478 Landseer Road Ipswich Suffolk IP3 9LU	Local Contact Richard Nevin Tel: 01473 703491	Phlebotomy



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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>Blood Transfusion examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Maternal cord blood Whole Blood: EDTA samples	Blood Group by detection and identification of antigens: A Rh D Positive AB Rh D Positive B Rh D Positive O Rh D Positive A Rh Negative AB Rh D Negative B RhD Negative O Rh D Negative Kell Positive/Negative	Automated using Grifols Erytra Blood grouping analyser SOP BT45 SOP BT01 (Manual)
Whole Blood: EDTA samples	Antibody Screen (including papinized) by detection of antibodies to: Rh -C,D,E,c,e, Cw Kell -K, k, Kpa Duffy -Fya, Fyb MNSs- M, N, S, s Kidd -JKa, Jkb Lutheran -Lua P-P1 Anti-Chido/Rogers	Automated using Grifols Erytra Blood grouping analyser SOP BT345 SOP BT01 (Manual) SOP BT07 (rr panel)
	Blood Group by detection and identification of antigens: Rh -C,D,E,c,e, Cw Kell -K, K, Kpa Duffy -Fya, Fyb MNSs- M, N, S, s Kidd -JKa, Jkb P-P1 Anti-Chido/Rogers- by exclusion only (at NBS)	Automated using Grifols Erytra Blood grouping analyser SOP BT45



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood: EDTA samples</p>	<p><u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)</p> <p>Compatibility testing of patient's plasma with donor cells</p> <p>Foetal Maternal Haemorrhage</p> <p>G6PD Glucose-6-Phosphate Dehydrogenase screening</p> <p>Malarial antigens of:</p> <p><i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i>, <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i></p> <p>Detection of infectious mononucleosis heterophile antibodies</p>	<p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>Serological IAT Cross matching using Manual technique using Grifols cards SOP BT02 and BT08</p> <p>Kleihauer technique and Anti-D Immunoglobulin dosing using Resource (Source Bioscience) Fetal red cell detection kit SOP BT06 and BT09</p> <p>Commercial (Trinity Biotech) kit, functional enzyme colourimetric assay SOP 005</p> <p>CareStart Malarial RapydTest commercial kit SOP 025</p> <p>Clearview IM commercial kit SOP 020</p> <p>Documented in-house methods to meet the requirements of the NHS Sickle Cell and Thalassaemia screening programme as defined in July 2018 NHS Sickle Cell and Thalassaemia screening programme: laboratory quality assurance evidence requirements</p>



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Whole Blood: EDTA samples	Sickle cell screen (solubility)	Microgen Bioproducts commercial kit SOP 009
	Sickle cell screening	In house method using the Bio-Rad Variant II analyser SOP 209
	Thalassemia screening	In house method using the Bio-Rad Variant II analyser SOP 209



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood: EDTA samples</p> <p>Blood film Bone marrow aspirate film</p>	<p><u>Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Full Blood Count (FBC) analysis of the following parameters:</p> <p>WBC RBC HGB HCT MCV MCH MCHC RDW-CV PLT NEUT LYMPH MONO EOS BASO Neutrophils Nucleated red blood cell (NRBC) count Reticulocyte count</p> <p>ESR</p> <p>Acanthocytes</p> <p>FBC for high WBC and lipaemia</p> <p>Reporting of normal and abnormal morphologies</p>	<p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>Sysmex XN 9000 comprising XN10 10 FBC automated analysers, by flow cytometry SOP 253</p> <p>SOP 225</p> <p>SOP 034</p> <p>Automated using Sysmex SP-10 SOP 002 including manual rapid stain technique Bone marrow documented in house procedures SOP 085</p> <p>Iron Stain SOP 065</p> <p>CSF Cytospin SOP 031</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haemoglobinopathy examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Plasma (sodium citrate)	Adult Haemoglobinopathy analysis (including Antenatal) by detection of haemoglobin variants: Hb A Hb A2 Hb F Hb S Hb C Hb D Punjab Hb E	Haemoglobin electrophoresis using documented in-house procedures and Helena Electrophoresis analyser using either agar gel (SOP 081), or cellulose acetate (SOP 010), kits.
	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
	Coagulation testing for:	The Instrumentation laboratory ACL TOP 500/ 750 Analyser using SOP 197 and in house procedures
Plasma (sodium citrate)	Actin AF (Lupus Insensitive APTT)	SOP 175
	Activated Partial Thromboplastin Time (APTT)	SOP 117 (Manual) SOP 197 (Automated)
	Activated Protein C Resistance (APCR) ratio	SOP 200
	Anti-thrombin	SOP 200
	Coagulation Factor-IX	SOP 199
	Coagulation Factor-V	SOP 211
	Coagulation Factor-II	SOP 211



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HUMAN BODY FLUIDS (cont'd)	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods: ACL TOP 500/750 Analyser using SOP 197 and in house procedures
Plasma (sodium citrate)	Coagulation Factor-VII	SOP 211
	Coagulation Factor-VIII	SOP 199
	Coagulation Factor-X	SOP 211
	Coagulation Factor-XI	SOP 199
	Coagulation Factor-XII	SOP 199
	Corrected Dilute Russell's Viper Venom Time (CRVVT) ratio	SOP 175
	D-Dimer	SOP 197
	Dilute Russell's Viper Venom Time (RVVT) ratio/Corrected Dilute Russell's Viper Venom Time (DRVVT) ratio	SOP 175
	Dilute Russell's Viper Venom Time (DRVVT) ratio	SOP 175
	International Normalised Ratio (INR)	SOP 116 (Manual) SOP 197 (Automated)
	Fibrinogen	SOP 197
	Free Protein S	SOP 200
	Heparin Assay	SOP 139
	Inhibitor Screen	SOP 206
	Normal Plasma Correction Test	SOP 147
	Protein C	SOP 200



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HUMAN BODY FLUIDS (cont'd)	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Plasma (sodium citrate)	Prothrombin Time (PT)	ACL TOP 500/750 Analyser using SOP 197 and in house procedures
	Quantitative Fibrinogen Assay	SOP 197
	Thrombin Time	SOP 129
	Von Willebrand Factor (VWF) Antigen	SOP 207
	Von Willebrand Rcof Activity	SOP 207

END