


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>9332</b> Accredited to ISO 15189:2022	<b>East Suffolk and North Essex NHS Foundation Trust (ESNEFT)</b>	
	Issue No: 009 Issue date: 05 March 2025	
	<b>Haematology &amp; Blood Transfusion</b> Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Contact: Dahlia Mpetsi</b> Nigel Brinkley Tel: +44 (0)7963 331241 E-Mail: <a href="mailto:dahlia.c.mpetsi@esneft.nhs.uk">dahlia.c.mpetsi@esneft.nhs.uk</a> <a href="mailto:nigel.brinkley@esneft.nhs.uk">nigel.brinkley@esneft.nhs.uk</a> Website: <a href="http://www.ESNEFT.nhs.uk/">http://www.ESNEFT.nhs.uk/</a>
<b>Testing performed at the above address only</b>		

### Laboratory location:

Location details		Activity
<b>Address</b> Haematology & Blood Transfusion Department Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Local Contact</b>  Dahlia Mpetsi Nigel Brinkley Tel: 07963 331241	Haematology and Blood Transfusion  Phlebotomy



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#### Site activities performed away from the locations listed above:

Location details		Activity
<b>Address</b> Blood satellite fridge Woolverstone Day Unit Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Local Contact</b> Nigel BrinkleyTel: 01473 703726	Blood Issue Fridge No testing occurs on this site, blood storage only
<b>Address</b> Blood satellite fridge South Theatre Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Local Contact</b> Nigel BrinkleyTel: 01473 703726	Blood Issue Fridge No testing occurs on this site, blood storage only
<b>Address</b> Blood satellite fridge Somersham Ward Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Local Contact</b> Nigel BrinkleyTel: 01473 703726	Blood Issue Fridge No testing occurs on this site, blood storage only
Blood satellite fridge Maternity Theatre Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD	<b>Local Contact</b> Nigel BrinkleyTel: 01473 703726	Blood Issue Fridge No testing occurs on this site, blood storage only
<b>Address</b> Landseer Road Phlebotomy 476-478 Landseer Road Ipswich Suffolk IP3 9LU	<b>Local Contact</b> Sheila Cook Tel: 07547 657025 / 0300 303 5299	Phlebotomy No testing occurs at this site, phlebotomy only



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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:
Cord blood Whole Blood: EDTA samples	Blood Group by detection and identification of antigens:  ABO Rh C,D,E,c,e and Kell	Automated using Grifols Erytra blood grouping analyser SOP BT-IPS-LP-2 SOP BT-IPS-LP-8 (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, Kpb Duffy -Fya, Fyb MNSs- M, N, S, s Kidd -Jka, Jkb Lutheran -Lua, Lub P-P1	Automated using Grifols Erytra blood grouping analyser SOP BT-IPS-LP-2 SOP BT-IPS-LP- 8(Manual) SOP BT-IPS-LP-7 (rr Ab screen)



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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>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Whole Blood: EDTA samples	DAT	Grifols Erytra Analyser BT-IPS-LP-2
	Compatibility testing of patient's plasma with donor cells	Serological IAT Cross matching using manual technique using Grifols cards and electronic issue SOP BT-IPS-LP-6 and BT-IPS-IP-8, BT-IPS-GP-9
	Fetal Maternal Haemorrhage	Kleihauer technique and Anti-D Immunoglobulin dosing using Resource Guest Medical Fetal red cell detection kit SOP BT-IPS-LP-3
	Haematological examination for the purpose of clinical diagnosis	
	G6PD Glucose-6-Phosphate Dehydrogenase screening	Commercial (Trinity Biotech) kit, functional enzyme colourimetric assay SOP HAEM-IPS-LP-16
	Malarial antigens of:  <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i>	CareUS Malarial RapydTest commercial kit SOPHAEM-IPS-LP-4
Morphological identification of malarial parasites spp and microfilaria:  <i>Plasmodium falciparum</i> <i>Plasmodium malariae</i> <i>Plasmodium ovale</i> <i>Plasmodium vivax</i> <i>Plasmodium knowlesi</i> Microfilaria	Manual slide preparation, staining and microscopy:  Thin films: Giemsa pH 7.2 Thick films: Fields stain HAEM-IPS-LP-4	
Whole blood: EDTA samples	Detection of infectious mononucleosis heterophile antibodies	Clearview IM commercial kit SOP HAEM-IPS-LP-18



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Whole Blood: EDTA samples	Full Blood Count (FBC) analysis of the following parameters:  WBC  RBC HGB HCT MCV MCH MCHC RDW-CV  PLT NEUT LYMPH MONO EOS BASO Nucleated red blood cell (NRBC) count Reticulocyte count  FBC for high WBC and lipaemia	Sysmex XN 9000 automated analysers SOP HAEM-IPS-LP-9  Flow cytometry using semiconductor laser  DC detection SLS HB method        RC/DC detection and flow cytometry
Body Fluid	Ascitic fluid polymorphonuclear (PMN) count	Sysmex XN9000 PMN count HAEM-IPS-LP-5
Whole Blood: EDTA samples	ESR	Starrsed interriner ESR analyser Westergren method SOP HAEM-IPS-LP-33



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:
Blood film	Reporting of normal and abnormal morphologies	Automated using Sysmex SP-50 HAEM-IPS-LP-30 HAEM-IPS-LP-40 HAEM-IPS-LP-2
	Reporting of normal and abnormal morphologies	Aerospray 7152 automated stainer with Elitech Romanowsky stain HAEM-IPS-LP-2
CSF	CSF Cytospin preparation	Aerospray 7152 automated stainer with Elitech Romanowsky stain HAEM-IPS-LP-2



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HUMAN BODY FLUIDS (cont'd)  Whole Blood EDTA samples	<u>Haemoglobinopathy examinations for the purpose of clinical diagnosis</u>  HbS detection  Hb % <ul style="list-style-type: none"><li>• A</li><li>• A2</li><li>• F</li></ul> S	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:  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  Streck Sickledex Sickle solubility kit, commercial kit by solubility SOP HAEM-IPS-LP-15  In house method quantitation using the Bio-Rad Variant II analyser HPLC SOP HAEM-IPS-LP-14



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Plasma (sodium citrate)	<p><u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis</u></p> <p>Coagulation testing for:</p> <p>Activated Partial Thromboplastin Time (APTT)</p> <p>Prothrombin Time (PT)</p> <p>Quantitative Fibrinogen Assay</p> <p>Thrombin Time</p> <p>D-Dimer</p> <p>International Normalised Ratio (INR)</p> <p>Heparin Assay</p> <p>Normal Plasma Correction Test</p> <p>Inhibitor Screen</p>	<p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>The Instrumentation laboratory ACL TOP 550/ 750 Analyser using HAEM-IPS-LP-23 and in house procedures</p> <p>HAEM-IPS-LP-23</p> <p>SOP HAEM-IPS-LP-41</p> <p>HAEM-IPS-LP-23</p> <p>SOP HAEM-IPS-LP-42</p> <p>SOP HAEM-IPS-LP-45</p> <p>HAEM-IPS-LP-21</p>





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HUMAN BODY FLUIDS (cont'd)	<p><u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)</u></p> <p>Anti-thrombin</p> <p>Activated Protein C Resistance (APCR)</p> <p>Lupus anticoagulant screen (Lupus Anticoagulant APTT Ratio (LAAR) &amp; Dilute Russels Viper Venom (dDRVV)</p> <p>Free Protein S</p> <p>Protein C</p>	<p>Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:</p> <p>ACL TOP 550/750 Analyser using SOP HAEM-IPS-LP-23 and in house procedures</p> <p>HAEM-IPS-LP-24</p> <p>HAEM-IPS-LP-24</p> <p>HAEM-IPS-LP-11</p> <p>HAEM-IPS-LP-24</p> <p>HAEM-IPS-LP-24</p>



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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)	Coagulation testing for:  Von Willebrand Factor (VWF) Antigen  Von Willebrand Ristocetin Co-factor Activity  Factors; II, V, VII & X  Factors; VIII, IX, XI & XII	ACL TOP 550/750 Analyser using HAEM-IPS-LP-23 and in house procedures  HAEM-IPS-LP-25  HAEM-IPS-LP-14  HAEM-IPS-LP-27  HAEM-IPS-LP-26
END		