


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 | East Suffolk and North Essex NHS Foundation Trust (ESNEFT) | |
| | Issue No: 010 Issue date: 14 April 2025 | |
| | Haematology & Blood Transfusion Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD | Contact: Dahlia Mpetsi Nigel Brinkley Tel: +44 (0)7963 331241 E-Mail: dahlia.c.mpetsi@esneft.nhs.uk nigel.brinkley@esneft.nhs.uk 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 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 |
|--|--|--|
| Address Blood satellite fridge Woolverstone Day Unit Ipswich Hospital Heath Road Ipswich Suffolk IP4 5PD | Local Contact Nigel BrinkleyTel: 01473 703726 | 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 703726 | 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 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 | Local Contact Nigel BrinkleyTel: 01473 703726 | Blood Issue Fridge No testing occurs on this site, blood storage only |
| Address Landseer Road Phlebotomy 476-478 Landseer Road Ipswich Suffolk IP3 9LU | Local Contact 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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| 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: | CareUS Malarial RapydTest commercial kit SOPHAEM-IPS-LP-4 |
| | <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> & <i>Plasmodium vivax</i> | |
| | 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 | Starrsred 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) | <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: |
| Whole Blood EDTA samples | HbS detection | 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 |
| | Hb % <ul style="list-style-type: none">• A• A2• F S | 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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| HUMAN BODY FLUIDS (cont'd) | <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: |
| Plasma (sodium citrate) | Coagulation testing for: | The Instrumentation laboratory ACL TOP 550/750 Analyser using HAEM-IPS-LP-23 and in house procedures |
| | Activated Partial Thromboplastin Time (APTT) | HAEM-IPS-LP-23 |
| | Prothrombin Time (PT) | |
| | Quantitative Fibrinogen Assay | |
| | Thrombin Time | SOP HAEM-IPS-LP-41 |
| | D-Dimer | |
| | International Normalised Ratio (INR) | HAEM-IPS-LP-23 |
| | Heparin Assay | SOP HAEM-IPS-LP-42 |
| | Normal Plasma Correction Test | SOP HAEM-IPS-LP-45 |
| | Inhibitor Screen | HAEM-IPS-LP-21 |
| | Anti-thrombin | HAEM-IPS-LP-24 |
| | Activated Protein C Resistance (APCR) | HAEM-IPS-LP-24 |
| | Lupus anticoagulant screen (Lupus Anticoagulant APTT Ratio (LAAR) & Dilute Russels Viper Venom (dDRVV) | HAEM-IPS-LP-11 |
| | Free Protein S | HAEM-IPS-LP-24 |
| | Protein C | HAEM-IPS-LP-24 |



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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: | ACL TOP 550/750 Analyser using SOP HAEM-IPS-LP-23 and in house procedures |
| | Von Willebrand Factor (VWF) Antigen | HAEM-IPS-LP-25 |
| | Von Willebrand Ristocetin Co-factor Activity | HAEM-IPS-LP-14 |
| | Factors; II, V, VII & X | HAEM-IPS-LP-27 |
| | Factors; VIII, IX, XI & XII | HAEM-IPS-LP-26 |
| | Activated Partial Thromboplastin Time (APTT) | ACL TOP 770 Analyser using SOP HAEM-IPS-LP-23 and in house procedures |
| | Prothrombin Time (PT) | |
| | Quantitative Fibrinogen Assay | |
| | D-Dimer | |
| | International Normalised Ratio (INR) | |
| END | | |