

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 7972 Accredited to ISO 15189:2012</p>	<h3>North Tees & Hartlepool NHS Foundation Trust</h3> <p>Issue No: 003 Issue date: 24 July 2019</p>	
	<p>Department of Haematology & Blood Transfusion University Hospital of North Tees Hardwick Stockton-on-Tees TS19 8PE</p>	<p>Contact: Joanne Wintrip, Pathology Quality Manager Tel: +44 (0)1642 617617 E-Mail: Joanne.Wintrip@nth.nhs.uk Website: www.nth.nhs.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address University Hospital of North Tees Hardwick Stockton-on-Tees TS19 8PE</p> <p>Local contacts Joanne Wintrip</p>	<p>Haematology & Blood Transfusion Blood issue</p>	A
<p>Address University Hospital of Hartlepool Holdforth Road Hartlepool TS24 9AH</p> <p>Local contacts Joanne Wintrip</p>	<p>Haematology & Blood Transfusion Blood Issue</p>	B

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Address Blood Fridge Main Theatre – first floor tower block University Hospital of North Tees Hardwick Stockton-on-Tees TS19 8PE</p>	<p>Products only; no testing occurs at this site</p>	A



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Haematological examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures with manufacturer's instructions	
Venous whole blood: EDTA	Full Blood Count (FBC) Including:- Haemoglobin White Blood Count Platelet Count Red Blood Count Haematocrit MCV MCH MCHC RDW Hypochromic RBC % Neutrophil count Lymphocyte count Monocyte count Eosinophil count Basophil count Large unstained cells Reticulocytes	Beckmann Coulter DxH800 analyser with specific reference to SOP: NTH_Haem_072 Using Flow Cytometry, impedance and spectrophotometry, laser light scatter, calculated parameters.	A, B
Venous whole blood: EDTA	Thick and thin Blood Film for detection of abnormalities and for intra-erythrocytic parasites	Giemsa staining and light microscopy with reference to: NTH_Haem_014 Modified Wrights stain using Beckman Coulter SMS Automated slide stainer with reference to NTH_HAEM_084	A A
Human Bone marrow	Bone Marrow Film for the detection of abnormalities	Modified Wrights stain using Beckman Coulter SMS Automated slide stainer with reference to NTH_HAEM_084	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions (cont'd)	
Venous whole blood (EDTA)	Erythrocyte sedimentation rate	Beckman Coulter ALIFAX photometric assay with reference to NTH_HAEM_0903	A
Venous Blood: Citrated	Prothrombin time/INR	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_018	A
Venous blood: Citrated	Thrombophilia testing - Activated Partial Thromboplastin time	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_018	A
Venous blood: Citrated	Fibrinogen and Clauss Fibrinogen	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_026	A
Venous blood; Citrated	D Dimer	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_018	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions (cont'd)	
Venous blood: Citrated	Factor V Leiden	Cepheid GeneExpert cartridge Polymerase Chain Reaction (PCR) method. With reference to NTH_HAEM_081	A
Venous blood: Citrated	Factor II Gene mutation	Cepheid GeneExpert cartridge PCR method. With reference to NTH_HAEM_081	A
Venous Blood: Citrated	Heparin Induced thrombocytopenia (HIT) screen	Biorad Heparin/PF4 Test kit with reference to NTH_HAEM_079	A
Venous blood: Citrated	Lupus Anticoagulant	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_044	A
Venous blood plasma	Kleihaur fetal red cell detection	Resource Bioscience Fetal Red Cell detection kti (Elution HD) with reference to NTH_BT_014	A
Venous blood: Citrated	Anti Factor Xa	Instrumentation Laboratory ACL TOP 500 Turbidimetric method Clot detection by optical rate of change of absorbance end point being the maximum rate of change with reference to SOP: NTH_Haem_018	A
Venous whole blood (EDTA)	Epstein-Barr Virus (EBV) antibodies - Infectious Mononucleosis Screen	Manual Chromogenic test using IM Clearview II kit with reference to NTH_HAEM_069	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions (cont'd)	
Venous whole blood (EDTA)	Malaria Parasite screen and identification of species: <i>Plasmodium falciparum</i> , <i>P ovale</i> , <i>P malariae</i> <i>P vivax</i>	Manual chromogenic test using Biorad optimal T kit with reference to NTH_HAEM_061	A
Venous whole blood (EDTA)	Thick and thin Blood films for identification of intra-erythrocytic parasites	Giemsa staining and light microscopy with reference to: NTH_Haem_014	A
Venous blood: red cells	Blood Grouping (ABO) Red Cell Phenotyping for antigens of the following systems: Rh – C,D,E,c,e Kell – K, K,	Diamed GelStation fully automated Biorad Gel cards technology.equipment and manual grouping using Biorad gelcards and Manual Blood Grouping using Biorad gelcards with reference to SOP: NTH_BT_05 and NTH_BT_04	A
Venous blood: plasma, red cells	Antibody Detection and Antibody panels Antigens of the following systems: Rh – C,D,E,c,e Kell – K, K, Kpa Duffy –Fy _a , Fy _b MNSs - M, N, S, s Kidd – JK _a , Jk _b Lutheran – Lua Lewis – Le _a , Le _b P – P1	Documented in-house procedures using 3 and 11 cell panels and Diamed GelStation fully automated Biorad gelcard technology.equipment Manual antibody Identification (IAT) Manual Antibody Identification (enzyme) with reference to SOP: NTH_BT_10 Manual antibody screen using Biorad gelcards with reference to NTH_BT_04	A
Venous blood: plasma	Direct Antiglobulin Test	Diamed GelStation fully automated Biorad gelcard technology.equipment with reference to SOP: NTH_BT_022	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures with manufacturer's instructions (cont'd)	
Venous blood plasma	Compatibility testing and serological cross-match	Biorad Gelcard system with reference to SOP: NTH_BT_06	A
END			