

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



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Accredited to  
ISO 15189:2022

### Cambridge University Hospitals NHS Foundation Trust

Issue No: 006 Issue date: 01 October 2024

Haematopathology and Oncology  
Diagnostic Services (HODS)  
Addenbrookes Hospital  
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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN TISSUES AND BODY FLUIDS</p> <p>Blood, Bone marrow, CSF, biopsy material, FNA and body fluids</p>	<p><u>Diagnosis and monitoring of haematological malignancy and bone marrow failure syndromes</u></p> <p>Morphological examination of stained human cells to identify cytological abnormalities for the purpose of diagnosis and monitoring of a range of malignant and non-malignant haematological disorders.</p>	<p>Documented in-house methods incorporating manufacturer's instructions (where relevant)</p> <p>Manual preparation of blood/bone marrow material for staining.</p> <p>Epredia Cytospin 4 for preparation of cytospin preps.</p> <p>Automated (Hematek) slide staining techniques using modified wrights stain.</p> <p>HODS.SOP.FLOW 32280 Hematek slide stainer</p> <p>HODS.SOP.FLOW32523 – Manual modified stains</p> <p>HODS.SOP.FLOW.16403 Peripheral blood</p> <p>HODS.SOP.FLOW 16360 Bone marrow</p> <p>HODS.SOP.FLOW 16365 CSF HODS.SOP.FLOW16406 – Preparing tissue samples for flow cytometry</p> <p>HODS.SOP.FLOW 16389 Iron stain</p> <p>HODS.SOP.FLOW 16382 Haemosiderin</p>



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HUMAN TISSUES AND BODY FLUIDS (cont'd)	<u>Diagnosis and monitoring of haematological malignancy and bone marrow failure syndromes</u> (cont'd)	Documented in-house methods incorporating manufacturer's instructions (where relevant)
Blood, Bone marrow, CSF, biopsy material, FNA and body fluids (cont'd)	Morphological examination of stained human cells to identify cytological abnormalities for the purpose of diagnosis and monitoring of a range of malignant and non-malignant haematological disorders (cont'd)	HODS.SOP.FLOW 32511 Morphology review-Microscopy  HODS.SOP.FLOW 1 Reporting Bone Marrow Aspirates
Blood, bone marrow, CSF, tissue biopsy material, FNA's, body fluids	Immunophenotyping examination activities for the purpose of clinical diagnosis and disease monitoring using the following antigens/compounds as appropriate:  CD1a, CD2, CD3, CD4, CD5, CD7, CD8, CD9, CD10, CD11b, CD11c, CD13, CD14, CD15, CD16, CD19, CD20, CD22, CD23, CD24, CD25, CD27, CD30, CD33, CD34, CD36, CD38, CD41, CD42, CD43, CD45, CD52, CD56, CD57, CD59, CD61, CD64, CD66b, CD66c, CD73, CD75, CD79a, CD79b, CD81, CD99, CD103, CD117, CD123, CD138, CD200, CD235a, CD279, CD303, CD304, HLA-DR, Kappa, Lambda, TCR alpha/beta, TCR gamma/delta  Detection and characterisation of Acute and Chronic Leukaemia	Flow cytometry 8 colour BDBioscience FACSCanto II flow cytometer          HODS.SOP.FLOW 32357 Investigation of Acute Leukaemia  HODS.SOP.FLOW 32358 Nuclear and cytoplasmic staining  HODS.SOP.FLOW 32361 Lymphoproliferative screen



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HUMAN TISSUES AND BODY FLUIDS (cont'd)	<u>Diagnosis and monitoring of haematological malignancy and bone marrow failure syndromes</u> (cont'd)	Documented in-house methods incorporating manufacturer's instructions (where relevant)
Blood, Bone marrow, CSF, biopsy material, FNA and body fluids (cont)	T cell, B cell and NK cell lymphoproliferative disorders	HODS.SOP.FLOW 32362 B cell panel  HODS.SOP.FLOW 32363 Hairy cell panel  HODS.SOP.FLOW 32438 T cell panel
Blood, bone marrow Stem cell harvests (Cord blood, PB, BM)	Detection and characterisation of Plasma cell disorders  CD34 +ve and/or CD3 cell enumeration in therapeutic products used for transplantation	HODS.SOP.FLOW 32360 Plasma cell panel  Flow cytometry 8 colour BD Bioscience FACSCanto II flow cytometer using SOPs HODS.SOP.FLOW 32455 Allogeneic cell harvests  HODS.SOP.FLOW 1173 Single platform CD34 +ve cell enumeration HODS.SOP.FLOW 1004 Cord blood CD34 +ve cell enumeration
Peripheral blood	Immunological platelet enumeration	Flow cytometry 8 colour BD Bioscience FACSCanto II flow cytometer using SOPs HODS.SOP.FLOW 32049 Immunological platelet count by flow cytometry



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HUMAN TISSUES AND BODY FLUIDS (cont'd)	<u>Diagnosis and monitoring of haematological malignancy and bone marrow failure syndromes</u> (cont'd)	Documented in-house methods incorporating manufacturer's instructions (where relevant)
Peripheral blood	Detection and enumeration of GPI-deficient cells in patients with Paroxysmal Nocturnal Haemoglobinuria and bone marrow failure syndromes (Red and white cells – diagnosis and follow-up)	Flow cytometry 8 colour BD Bioscience FACSCanto II flow cytometer using SOPs  HODS.SOP.FLOW 32373 Paroxysmal Nocturnal Haemoglobinuria (PNH) diagnosis by flow cytometry of neutrophils (Canto II)  HODS.SOP.FLOW 32538 PNH FLAER Panel  HODS.SOP.FLOW 1463 Paroxysmal Nocturnal Haemoglobinuria (PNH) diagnosis by flow cytometry of red cells (Canto II)
Peripheral blood	Hereditary spherocytosis screening using Eosin-5-Maleimide dye binding and flow cytometry.	HODS.SOP.FLOW 32444 Flow cytometry screening for Hereditary spherocytosis- Canto II
END		