


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL 8100</p> <p>Accredited to ISO 15189:2022</p>	<p><b>University Hospitals of Leicester NHS Trust</b></p> <p>Issue No: 011 Issue date: 21 November 2025</p>	
	<p>Transplant Laboratory Leicester General Hospital LE5 4PW</p>	<p>Contact: Clare Collins Tel: +44 (0) 116 258 4606 E-Mail: clare.collins16@nhs.net</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS AND TISSUES	<u>Histocompatibility and Immunogenetic examinations for the purpose of clinical diagnosis</u>	In-house documented procedures based on equipment manuals as relevant
Blood Lymph node Spleen	DNA Extraction	Maxwell RSC and Maxwell RSC Whole Blood kit AS1520
DNA extracted from samples above	DNA quantification	Nanodrop Spectrophotometer SOP_1543
Blood (cells & serum) Lymph node Spleen	<u>Cross-matching</u> Detection of IgG HLA to donor T and B lymphocytes	Flow Cytometry Becton Dickinson Facs Canto II BD Facs Lyric SOP 1031, 1024, 1381, 1382 & 1400
	Complement dependent cytotoxicity testing Detection of IgG and IgM HLA antibodies to donor T and B lymphocytes	Fluorescent microscopy. SOP 1551 & 1024



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS AND TISSUES  DNA extracted from samples above	<u>Histocompatibility and Immunogenetic examinations for the purpose of clinical diagnosis</u>  <u>HLA Typing</u>  Class I and II (Low resolution) HLA A, B, C, DRB1*/3*/4*/5*. DQA, DQB, DPA, DPB	In-house documented procedures based on equipment manuals as relevant  PCR-SSO LabScan 3D One Lambda LabType kit SOP 1577 & 1578  and / or  Real time PCR Roche Lightcycler II 480 CareDX QType kit SOP 1616
DNA extracted from samples above  Blood (serum)	Class I and II (High resolution) HLA-A, B, C, DR, DQ, DP  <u>HLA-specific antibody monitoring</u>  HLA specific antibody detection and definition (HLA-A, B, Cw, DR, DQ, DP)	Next Generation sequencing Veriti Thermocycler Illumina iSeq100 GenDX NGSgo kit Analysis by NGSEngine SOP 1684 and 1685  Microbead array Liquichip 200 Luminex and /or LabScan 3D Luminex technology OneLambda Labscreen single antigen SOP 1143, 1236 & 1144
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