


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8632</p> <p>Accredited to ISO 15189:2012</p>	<h3>Guy's and St. Thomas' NHS Foundation Trust</h3> <p>Issue No: 003 Issue date: 01 February 2021</p>	
	<p>Tissue Typing Laboratory Heart Science Centre Harefield Hospital Harefield Middlesex UB9 6JH</p>	<p>Contact: Dr Paul Brookes Tel: +44 (0)1895 828774 Fax: +44 (0)1895 828901 E-Mail: p.brookes@rbht.nhs.uk Website: www.rbht.nhs.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS & TISSUES</p> <p>Blood Spleen Lymph Node</p>	<p><u>Histocompatibility and Immunogenetics examination activities for the purpose of clinical diagnosis:</u></p> <p>DNA</p>	<p>Manual Extraction techniques using Nucleon DNA extraction kit in conjunction with in house documented methods and using Qiagen Biorobot Geno-M6 workstation: TTSOP19, TTINS25</p>
<p>Blood Spleen Lymph Nodem6</p>	<p>Determination of HLA Type HLA-A HLA-B HLA-C HLA-DRB1*/3*/4*/5* HLA-DQB1* HLA-DQA1* HLA-DPA1* HLA-DPB1*</p>	<p>Manufacturer's instructions for: MJR Tetrad PTC 225 thermocycler Luminex Lx 200 FM3D multiplex bead Fluoroanalysers using PCRHLA SSO Lifecodes typing kits in conjunction with in house documented methods: TTSOP131, TTSOP133</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS & TISSUES (cont'd)	<u>Histocompatibility and Immunogenetics examination activities for the purpose of clinical diagnosis (cont'd)</u>	
Blood	HLA specific antibody detection (HLA-A, -B, Cw, -DR, -DQ, DP)	Manufacturer's instructions for using Microbead array assays (LABScreen mixed beads) and Luminex FM3D, LX200 in conjunction with in-house documented procedures TTSOP82, TTSOP109, TTINS4, TTINS13, TTINS20, TTINS21, TTINS34, TTINS50
Blood	HLA specific antibody definition – (HLA-A, -B, Cw, -DR, -DQ, -DP)	Manufacturer's instructions for Microbead array assays (LabScreen PRA panel beads, Labscreen Lifecodes Single antigen beads) And FM3D LX200 in conjunction with in-house documented procedures TTSOP113, TTSOP143, TTSOP145, TTINS4, TTINS13, TTINS20, TTINS21, TTINS34, TTINS50
Blood (cells & serum) Spleen Lymph node	Detection of IgG HLA antibodies to donor T and B lymphocytes	Manufacturer's instructions for Flow Cytometer Beckman Coulter FC500 for crossmatching in conjunction with in house documented procedure HTTL004, HTTL005, HTTL090, HTTL130
Blood (cells & serum) Spleen Lymph node	Detection of IgG and IgM HLA antibodies to donor lymphocytes	Manual procedure for Complement dependent cytotoxicity (CDC) testing using fluorescent microscopy in conjunction with in house documented procedures: TTSOP2, TTSOP4, TTSOP5, TTSOP8, TTSOP41, TTSOP55,
END		