

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	NHS Greater Glasgow and Clyde Issue No: 011 Issue date: 18 August 2026 <table border="1"> <tr> <td data-bbox="395 439 842 730"> Histocompatibility and Immunogenetics Laboratory Level 1, Laboratory Medicine Building Gartnavel General Hospital 21 Shelley Road Glasgow </td><td data-bbox="842 439 1493 730"> Contact: Mrs Catherine Hastie Tel: +44 (0) 1413017749 +44 (0)141 301 7755 E-Mail: Catherine.Hastie3@nhs.scot Website: https://www.nhs.uk/about-us/professional-support-sites/laboratory-medicine/laboratory-disciplines/histocompatibility-and-immunogenetics/ </td></tr> </table> Testing performed at the above address only	Histocompatibility and Immunogenetics Laboratory Level 1, Laboratory Medicine Building Gartnavel General Hospital 21 Shelley Road Glasgow	Contact: Mrs Catherine Hastie Tel: +44 (0) 1413017749 +44 (0)141 301 7755 E-Mail: Catherine.Hastie3@nhs.scot Website: https://www.nhs.uk/about-us/professional-support-sites/laboratory-medicine/laboratory-disciplines/histocompatibility-and-immunogenetics/
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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES and BODY FLUIDS	<u>Histocompatibility and Immunogenetics testing for clinical diagnosis</u>	In-house documented methods and manufacturer's instructions using:
Whole Blood Spleen Lymph nodes Buccal Swab Saliva Cord Blood	HLA Typing: HLA Class I Type - HLA-A - HLA-B - HLA-C	Qiagen EZ1 extraction (SOP- LPMOL 094) and Nanodrop spectrophotometer (SOP LIMOL077)
Whole Blood Spleen Lymph nodes Buccal Swab Saliva Cord Blood	HLA Typing: HLA Class II Type - DRB1 - DRB3,4,5 - DQB1 - DPB1 - DQA1 - DPA1	By PCR SSO- Kits-Lifecodes HLA-SSO- Rapid, Applied Biosystems Verity Thermal Cycler And Liquichip 200 Luminex technology (SOP- LPMOL 072) and/or
Whole Blood Spleen Lymph nodes Buccal Swab Saliva Cord Blood	HLA Typing: HLA Class II Type - DRB1 - DRB3,4,5 - DQB1 - DPB1 - DQA1 - DPA1	RT-PCR using Roche Light cycler 480 II QTYPE Olerup kits (SOP LPMOL103)



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Issue No: 010 Issue date: 14 February 2025

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES and BODY FLUIDS (cont'd)	<u>Histocompatibility and Immunogenetics testing for clinical diagnosis (cont'd)</u>	In house documented methods and manufacturer's instructions using:-
Whole blood Buccal Swab Saliva	HLA Typing: - HLA-B*57 testing -Drug allergy - HLA-B*27	Qiagen EZ1 extraction (SOP- LPMOL 094) and Nanodrop spectrophotometer (SOP LIMOL077)
Whole blood Buccal Swab Saliva Cord Blood Spleen	High resolution typing: HLA Class I Type, - HLA-A - HLA-B - HLA-C HLA Class II Type, - DRB1 - DRB3,4,5 - DQB1 - DPB1 - DQA1 - DPA1	PCR SSP and Olerup kits (SOP LPMOL 100) Applied Biosystems Verity Thermal Cycler Detection by Gel Electrophoresis (SOP LPMOL 040)
Serum	HLA Antibody detection IgG HLA Antibody reactive with purified HLA antigen	Qiagen EZ1 extraction (SOP- LPMOL 094)
Serum	HLA specific antibody definition against: - HLA-A - HLA-B - HLA-C - HLA-DR - HLA-DQ (alpha and beta) - HLA DP (alpha and beta)	Next Generation Sequencing Applied Biosystems Verity Thermal Cycler (NGS) MiSeq NGSgo GENDx kits (SOP LPNGS 01, 02, 03, 04 and 05)
		One Lambda Labscreen mixed kits then Liquichip 200 Luminex technology (SOP LPAB 058)
		Using Lifecodes™ SA HLA Class I and II kits™ And Liquichip 200 Luminex technology (SOP- LPAB 058)



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HUMAN TISSUES and BODY FLUIDS (cont'd)	<u>Histocompatibility and Immunogenetics testing for clinical diagnosis</u> (cont'd)	In house documented methods and manufacturer's instructions using:-
Serum	HLA Antibody detection and identification • HLA-A • HLA-B • HLA-C • HLA-DR • HLA-DQ (alpha and beta) • HLA –DP (alpha and beta)	Using One Lambda Labscreen® kits SA and PRA And Liquichip 200 Luminex technology (SOP-LPAB 060)
Serum	Identification of complement (C1q) binding HLA antibodies against • HLA-A • HLA-B • HLA-C • HLA-DR • HLA-DQ (alpha and beta) • HLA –DP (alpha and beta)	Using One Lambda LABScreen™ kits (single antigen and C1q screen) and Liquichip 200 Luminex® technology (SOP-LPAB 067)
Serum	HLA class I/II and HNA-3a antibody detection	Using One Lambda LabScreen for HLA Class I and II antibodies and HNA antibodies. LABScreen Multi beads Luminex 200 analyser (SOP-LPAB 070)
Whole blood Serum Spleen Lymph nodes	Crossmatching testing for Transplantation	Flow Cytometry on BD FACSLyric (SOP LPXM 093)
END		