


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>9010</b></p> <p>Accredited to ISO 15189:2022</p>	<h3>NHS Greater Glasgow and Clyde</h3> <p>Issue No: 010    Issue date: 14 February 2025</p>	
	<p><b>Histocompatibility and Immunogenetics Laboratory</b> Level 1, Laboratory Medicine Building Gartnavel General Hospital 21 Shelley Road Glasgow</p>	<p><b>Contact: Dr Ann-Margaret Little</b> Tel: +44 (0) 1413017749 +44 (0)141 301 7755 Fax: +44 (0) 1413017761 E-Mail: <a href="mailto:ann-margaret.little@nhs.scot">ann-margaret.little@nhs.scot</a> Website: <a href="https://www.nhsggc.org.uk/about-us/professional-support-sites/laboratory-medicine/laboratory-disciplines/histocompatibility-and-immunogenetics/">https://www.nhsggc.org.uk/about-us/professional-support-sites/laboratory-medicine/laboratory-disciplines/histocompatibility-and-immunogenetics/</a></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 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 <ul style="list-style-type: none"> <li>HLA-A</li> <li>HLA-B</li> <li>HLA-C</li> </ul> HLA Typing: HLA Class II Type <ul style="list-style-type: none"> <li>DRB1</li> <li>DRB3,4,5</li> <li>DQB1</li> <li>DPB1</li> <li>DQA1</li> <li>DPA1</li> </ul>	Qiagen EZ1 extraction (SOP- LPMOL 094) and Nanodrop spectrophotometer (SOP LIMOL077)  By PCR SSO- Kits-Lifecodes HLA-SSO- Rapid And Liquichip 200 Luminex technology (SOP- LPMOL 072) and/or  RT-PCR using Roche Light cycler 480 II QTYPE Olerup kits (SOP LPMOL103)
Whole blood Buccal Swab Saliva	HLA Typing: <ul style="list-style-type: none"> <li>HLA-B*57 testing -Drug allergy</li> <li>HLA-B*27</li> <li></li> </ul>	Qiagen EZ1 extraction (SOP- LPMOL 094) and Nanodrop spectrophotometer (SOP LIMOL077)  PCR SSP and Olerup kits ( SOP LPMOL 100) Detection by Gel Electrophoresis (SOP LPMOL 040)



9010  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**NHS Greater Glasgow and Clyde**  
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 Cord Blood Spleen	High resolution typing: HLA Class I Type, <ul style="list-style-type: none"> <li>• HLA-A</li> <li>• HLA-B</li> <li>• HLA-C</li> </ul> HLA Class II Type, <ul style="list-style-type: none"> <li>• DRB1</li> <li>• DRB3,4,5</li> <li>• DQB1</li> <li>• DPB1</li> <li>• DQA1</li> <li>• DPA1</li> </ul>	Qiagen EZ1 extraction (SOP- LPMOL 094)  Next Generation Sequencing (NGS) MiSeq NGSgo GENDx kits (SOP LPNGS 01, 02, 03, 04 and 05)
Serum	HLA Antibody detection <ul style="list-style-type: none"> <li>• IgG HLA Antibody reactive with purified HLA antigen</li> </ul>	One Lambda Labscreen mixed kits then Liquichip 200 Luminex technology (SOP LPAB 058)
Serum	HLA specific antibody definition against: <ul style="list-style-type: none"> <li>• HLA-A</li> <li>• HLA-B</li> <li>• HLA-C</li> <li>• HLA-DR</li> <li>• HLA-DQ (alpha and beta)</li> <li>• HLA DP (alpha and beta)</li> </ul>	Using Lifecodes™ SA HLA Class I and II kits™ And Liquichip 200 Luminex technology (SOP- LPAB 058)
Serum	HLA Antibody detection and identification <ul style="list-style-type: none"> <li>• HLA-A</li> <li>• HLA-B</li> <li>• HLA-C</li> <li>• HLA-DR</li> <li>• HLA-DQ (alpha and beta)</li> <li>• HLA –DP (alpha and beta)</li> </ul>	Using One Lambda Labscreen® kits SA and PRA And Liquichip 200 Luminex technology (SOP-LPAB 060)



9010  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**NHS Greater Glasgow and Clyde**  
**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;-
Serum	Identification of complement (C1q) binding HLA antibodies against <ul style="list-style-type: none"> <li>• HLA-A</li> <li>• HLA-B</li> <li>• HLA-C</li> <li>• HLA-DR</li> <li>• HLA-DQ (alpha and beta)</li> <li>• HLA –DP (alpha and beta)</li> </ul>	Using One Lambda LABScreen™ kits (single antigen and C1q screen) and Liquichip 200 Luminex® technology (SOP-LPAB 067)
Whole blood Serum Spleen Lymph nodes	Crossmatching testing for Transplantation	Flow Cytometry on BD FACSLytic (SOP LPXM 093)
END		