


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>8630 Accredited to ISO 15189:2012</p>	<h3>Anthony Nolan</h3> <p>Issue No: 005 Issue date: 24 May 2021</p>	
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<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
HUMAN FLUIDS AND TISSUES as identified:	<u>Histocompatibility and Immunogenetics examination activities for the purpose of clinical diagnosis:</u>	Documented in house procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Blood, Spleen, Lymph node	Cell based, serological assay HLA-A, B, DR, DQ	Monoclonal trays One Lambda, microscopy DOC15, DOC20
Saliva, Buccal, Blood, Spleen, Lymph node	Molecular based determination of HLA type: HLA-A HLA-B HLA-C HLA-DRB1 HLA-DRB345 HLA-DQB1 HLA-DQA1 HLA-DPB1 HLA-DPA1 CCR5 Δ32 <i>HFE</i>	Sequence Specific Primer (SSP) typing using One Lambda, Olerup, in house assays. Visualised by electrophoresis and SCORE. DOC2935 DOC40, DOC50, DOC52, DOC60, DOC164, DOC3755 Sequence Based Typing using in house assays and One Lambda SeCORE, ABI 3730, Assign, uType DOC3116, DOC3117, DOC3118, DOC3383, DOC67, DOC69, DOC71 Third Generation Sequencing including DNA extraction and PCR amplification using; Pacific Biosciences Single Molecule Real-Time (SMRT) DNA sequencing, RS II, in house interpretation software also using Hamilton liquid handling robots and ABI verity thermal cyclers, fragment analysers and capillary sequencers DOC3510, DOC3506, DOC3521, DOC3617, DOC3600, DOC3607, DOC3499



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HUMAN FLUIDS AND TISSUES as identified: (cont'd)	<u>Histocompatibility and Immunogenetics examination activities for the purpose of clinical diagnosis:</u> (cont'd)	Documented in house procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Blood	HLA Antibody detection and definition IgG and IgM HLA-A, B, Cw, DR, DQ, DP	Lifecodes Lifescreen, One Lambda LabScreen, LABScan™ 100/200 flow analyser In-house methods DOC180, DOC181
DNA derived from human biological samples	Molecular based determination of HLA type: DRB3 DRB4 DRB5	Labscan 200 flow analysers using Luminex LabType Sequence specific oligonucleotides (SSO) SOP DOC 1089,1087
Blood, Splenic tissue Lymph nodes	Cross matching	Beckman Coulter Navios flow cytometer In-house methods DOC 172, DOC177, DOC4542
Blood, Saliva	Sex Determination	In house Sequence Specific Primer (SSP), electrophoresis DOC2119
Blood, Saliva	ABO and RhD blood group determination: Anti-A Anti-B Anti-A,B Anti-D rapid Anti-D Novaclone A1 cells B cells	Sequence Specific Primer (SSP) Typing (Inno Train), electrophoresis DOC2973



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Blood	Virology screening CMV IgG & IgM HBsAg HCV Ag-Ab HIV-1, HIV-2 Ab, P24 Ag	Dynex Technologies DS2 ELISA DOC85
Blood	ABO and RhD blood group screening	Immucor, Galelio Echo Analyser or visually analysed DOC3379, DOC3402
DNA derived from blood	Molecular based determination of HLA type: HLA-A, HLA-B, HLA-C, DRB1, DRB3, DRB4, DRB5, DQA1, DQB1, DPA1 DPB1	Roche LightCycler® 480 Instrument II Real-time PCR. DOC4729
END		