


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8630 Accredited to ISO 15189:2012	Anthony Nolan	
	Issue No: 007 Issue date: 18 January 2024	
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Testing performed at the above address only		

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: Saliva, Buccal, Blood, Spleen, Lymph node	<u>Histocompatibility and Immunogenetics examination activities for the purpose of clinical diagnosis:</u> 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 HFE	Documented in house procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified: Sequence Specific Primer (SSP) typing using One Lambda, Olerup, in house assays. Visualised by electrophoresis and SCORE. DOC2935 DOC40, DOC50, DOC52, DOC60, DOC164, DOC3755
DNA derived from Human Samples	HLA-A HLA-B HLA-C HLA-DRB1 HLA-DRB345 HLA-DQB1 HLA-DQA1 HLA-DPB1 HLA-DPA1	Illumina MiSeq and iSeq sequencers NGS HLA typing by GenDx NGSgo using Hamilton STAR DOC5380, DOC5475, DOC4890
Whole blood, Buccal swabs, Cells	DNA Etraction for further down stream analysis	Extraction on Promega MaxPrep Maxwell System using Maxwell kits: RSC Buccal swab DNA kit TM479 RSC Whole blood DNA Kit TM455 RSC Cultured Cells DNA Kit TM477



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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
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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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	Virology screening CMV IgG & IgM HBsAg HCV Ag-Ab HIV-1, HIV-2 Ab, P24 Ag CMV IgG	Dynex Technologies DS2 ELISA DOC85 DOC4977
Buccal		
Blood	ABO and RhD blood group screening	Immucor, Galileo 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. Using Olerup Q Type kit DOC4729
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