

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: 2022	Anthony Nolan	
	Issue No: 010 Issue date: 25 September 2024	
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Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 77B Fleet Street Hampstead London NW3 2QU Local contact Lisa Walsh	Histocompatibility, Molecular, Haematology, Microbiology	A
Address 2 Heathgate Place 75-87 Agincourt Road London NW3 2NU	Main offices only	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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:	
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 HFE	Sequence Specific Primer (SSP) typing using One Lambda, Olerup, in house assays. Visualised by electrophoresis and SCORE / HLA Fusion. DOC293 DOC40, DOC50, DOC52, DOC60, DOC164, DOC3755	A
Whole blood, Buccal swabs, Cells	DNA Extraction 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	A
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	A



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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:	
DNA derived from Human Samples	Detection of HLA haplotype: DQA1*02:01 – DQB1*02:02	PCR-SSP using: Veriti™ 96-Well Thermal Cycler SOP: DOC6165	A
DNA derived from Human Samples	HLA-A HLA-B HLA-C HLA-DRB1 HLA-DQB1 HLA-DQA1 HLA-DPB1 HLA-DPA1	Amplification using in house primers using Veriti™ 96-Well Thermal Cycler Illumina MiSeq sequencerNGS HLA typing by GenDx NGSgo Analysis using Gen-Dx-NGSengine DOC4890, DOC4884	A
Blood	HLA Antibody detection and definition IgG and IgM HLA-A, B, Cw, DR, DQ, DP	Lifecodes Lifescreen, One Lambda LabScreen, Luminex Fluoroanalyser In-house methods DOC180, DOC181	A
Blood, Splenic tissue Lymph nodes	Cross matching	Beckman Coulter Navios flow cytometer In-house methods DOC 172, DOC177, DOC4542	A
Blood, Saliva	Sex Determination	In house Sequence Specific Primer (SSP), electrophoresis DOC2119	A
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	A



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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 HBsAg HCV Ag-Ab HIV-1, HIV-2 Ab, P24 Ag CMV igG	Dynex Technologies DS2 ELISA DOC85 DOC4977	A
Buccal			
Blood	ABO and RhD blood group screening	Immucor, Galileo Echo Analyser or visually analysed DOC3379, DOC3402	A
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	A
END			