Schedule of Accreditation

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Therapy Acceleration Laboratory, a part of University of Oxford

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MRC Weatherall Institute of Molecular Medicine
John Radcliffe Hospital
Headley Way
Headington
Oxford
OX3 9DS

Contact: Nicola Slatter
Tel: +44 (0)1865 222449
E-Mail: nicola.slatter@imm.ox.ac.uk
Website: www.imm.ox.ac.uk/research/tal

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
BODY FLUIDS and TISSUES	Molecular genetics examination for the purposes of testing	
Peripheral blood and bone marrow	Manual and Automated isolation of mononuclear cells	Density gradient separation - LeucoSep tubes BB SOP 12 Hamilton biobanking robot with LeucoSep tubes BB SOP 19
Peripheral blood, bone marrow and MNCs	Automated DNA & RNA extraction	Magnetic particle technology – QIAsymphony Mol SOP 6
	Manual DNA & RNA extraction	Silica-based membrane QIAGEN DNeasy kit Mol SOP 17 QIAGEN RNeasy kit Mol SOP 18
Genomic DNA, Purified RNA	DNA quantitation RNA quantitation	Fluorimetry Qubit 4 Mol SOP 5
Genomic DNA	Qualitative detection of hotspot mutations in NPM1	Multiplex PCR detected by capillary electrophoresis TapeStation Mol SOP 10
Genomic DNA	Qualitative detection of hotspot mutations in IDH1	Multiplex PCR detected by capillary electrophoresis TapeStation Mol SOP 13

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS and TISSUES (cont'd)	Molecular genetics examination for the purposes of testing (cont'd)	
Purified RNA	Fusion gene detection: RUNX1::RUNX1T1 BCR::ABL PICALM::MLLT10 CBFB::MYH11 DEK::NUP214 KMT2A::MLLT4 KMT2A::MLLT3 KMT2A::ELL KMT2A-PTD NPM1::MLF1 PML::RARA	Multiplex PCR followed by fragment length analysis detected by capillary electrophoresis SeqStudio MOL SOP 7
	Haematology examinations for the purpose of clinical diagnosis	In house documented methods using the published methodology from the HOVON Laboratory in Amsterdam incorporating manufacturers' instructions as required
EDTA, Heparinised Blood and Bone marrow samples	Minimal Residual Disease (MRD) assessment of: Acute myeloid leukaemia	Flow Cytometry using Beckman Coulter DxFlex FC SOP 8 and FC SOP 13
END		