

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



Accredited to
ISO 15189:2012

Christie Pathology Partnership LLP

Issue No: 001 Issue date: 13 December 2017

Oncology Cytogenetics

The Christie
Wilmslow Road
Manchester
M20 4BX

Contact: Mr. Neil Wrathall

Tel: +44 (0) 161-918-7264

Fax: +44 (0) 161-446-854

E-Mail: neil.wrathall@christie.nhs.uk

Website: <http://www.christie.nhs.uk/services/i-to-q/pathology/oncology-cytogenetics/>

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
<p>HUMAN TISSUE AND FLUIDS</p> <p>Blood Bone Marrow Other Tissues</p>	<p><u>Cytogenetics examination procedures for the purposes of clinical diagnosis</u></p> <p><u>Cytogenetic analysis for the purpose of clinical diagnosis</u> <u>Karyotyping</u></p> <p>Detection of chromosome abnormalities associated with haemato-oncology disorders.</p>	<p><u>Pre-analysis preparation</u> Chromosome culture by in-house procedures using commercial medium and Setting Up Bone Marrow and Blood Cultures (LI-CG-CPP-BMSetUp) Setting Up Cultures with B and T cell mitogens (LI-CG-Christie-T&BSetUp)</p> <p>Preparation of material for chromosome analysis by manual harvesting using in-house methods and Harvesting Cells from Tissue Cultures (LI-CG-CPP-Harvest). Preparation and staining of slides using Slide Making (LI-CG-CPP-Slide Make) and G-Banding (LI-CG-CPP-Gband).</p> <p>Microscopic examination, detection, analysis and reporting of G-banding and karyotyping against considered normal patterns/profiles by in house methods. Cytogenetics Analysis Policy (LP-CG-CPP-Analysis). Selection, Analysis and Checking of a Case (LI-CG-Christie-Analysis) Use of Metasystems IKAROS software (LI-CG-Christie-IKAROS)</p>



9643

Accredited to
ISO 15189:2012

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Christie Pathology Partnership LLP

Issue No: 001 Issue date: 13 December 2017

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUE AND FLUIDS (cont'd)	<u>Cytogenetics examination procedures for the purposes of clinical diagnosis (cont'd)</u>	
Blood Bone Marrow Other tissues	<u>Molecular Cytogenetics (FISH) examination procedures for the purposes of clinical diagnosis</u>	Fluorescence in situ Hybridisation (FISH) In house procedures and commercial kits and Thermobrite hybridisation stations, using FISH – Denaturation and Hybridisation (LI-CG-CPP-FISH Hyb) FISH – Signal Detection (LI-CG-Christie-FISH-Detect) Thermobrite; Operation and Maintenance (LI-CG-CPP-Thermobrite)
Bone marrow	CD138+cell enrichment prior to FISH in plasma cell myeloma and related disorders	Isolation of CD 138 plasma cells using Easy Sep kit prior to FISH analysis in plasma cell myeloma and related disorders (LI-CG-Christie-CD138) and Multistand [LI-CG-CPP-CD138 and Multistand].
	FISH analysis using fluorescent labelled gene probes and fluorescence microscopy to detect chromosome structural rearrangements and copy number of specific regions of the genome	Microscopic analysis of FISH preparations using FISH Analysis and Quality Assurance (LP-CG-CPP-FISH Anal) Use of FISH image capture hardware and software-Metasystems (LI-CG-CPP-Meta)
Solid Tumours – formalin-fixed paraffin embedded tissue (FFPE) and other fixed cells	FISH analysis by use of fluorescent labelled gene probes and fluorescence microscopy to detect chromosome structural rearrangements and copy number of specific regions of the genome	As FISH protocols above <u>plus</u> FISH on Paraffin Sections; Invitrogen Pre-treatment (LI-CG-Christie-ParaFISH Invitrogen)

END