Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

8993

Accredited to ISO 15189:2012

Invitro Genetics Ltd, trading as CooperGenomics

Issue No: 14 **Issue date**: 08 March 2022

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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 BODY TISSUE AND FLUIDS	Molecular and Cytogenetics examination activities for the purposes of clinical diagnosis:	Manufacturer's instructions and in-house methods:
Biopsy samples from IVF generated embryos Family buccal swabs	Copy number assessment for chromosome aneuploidy	Preimplantation Genetic Screening (PGT-A) using: PicoPLEX® Single Cell WGA kit, whole genome amplification (WGA), Illumina DNA Library preparation and: Thermofisher Qubit 4 fluorimeter Gemini XPS fluorimeter Miniaturization equipment llumina NextSeq and NovaSeq 6000 SOP 109 SOP 009 SOP 110 SOP111 SOP112 SOP113 Analysis: CooperGenomics SM PGTai SM Bioinformatics technology including EmbryoDx pipeline automation

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

Invitro Genetics Ltd, trading as CooperGenomics

Issue No: 014 **Issue date:** 08 March 2022

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Biopsy samples from IVF generated embryos Family buccal swabs	Detection of unbalanced structural chromosomal abnormalities via copy number analysis And Detection of chromosome aneuploidy via copy number analysis.	Preimplantation Genetic Testing for Structural Rearrangements (PGT-SR) using: PicoPLEX® Single Cell WGA kit WGA and Illumina DNA library preparation and: Thermofisher Qubit 4 fluorimeter Gemini XPS fluorimeter Miniaturization equipment Illumina NextSeq and NovaSeq 6000 SOP 109 SOP 009 SOP110 SOP111 SOP112 SOP113 Analysis: CooperGenomics SM PGTai SM Bioinformatics technology including EmbryoDx pipeline automation
Biopsy samples from IVF generated embryos Family buccal swabs	Detection of monogenic (single gene) defects	Preimplantation Genetic Testing (PGT-M) using karyomapping, nested PCR and Sanger sequencing using: Applied Biosystems ABI 3130 Genetic analyser; Illumina iScan Array Scanning System SOP 070 SOP 071 SOP 072 SOP 073 SOP 015
END		