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: 011 **Issue date**: 02 March 2020

CooperGenomics Nottingham
MediCity (Building D6)
Thane Road
Nottingham
NG90 6BH
United Kingdom

Contact: Leoni Xanthopoulou
Tel: +44 (0) 207 6911122 ext 226
E-Mail: Leoni.Xanthopoulou@coopergenomics.com
Website: www.coopergenomics.com

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
CooperGenomics Nottingham **MediCity (Building D6)** **Thane Road** **Nottingham** **NG90 6BH** **United Kingdom**	**Local contact** Leoni Xanthopoulou	Preimplantation Genetic Testing	A
CooperGenomics London **Translation & Innovation Hub (I-HUB)** **80 Wood Lane** **Shepherd's Bush** **London** **W12 0BZ** **United Kingdom**	**Local contact** Leoni Xanthopoulou	Preimplantation Genetic Testing	B

UKAS MEDICAL **8993** **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 **Invitro Genetics Ltd, trading as CooperGenomics** **Issue No:** 011 **Issue date:** 02 March 2020

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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 BODY TISSUE AND FLUIDS	<u>Molecular and Cytogenetics examination activities for the purposes of clinical diagnosis:</u>	Documented In-house Methods and Manufacturer's instructions for analyser with specific reference to:	
Biopsy samples from IVF generated embryos	Copy number assessment for chromosome aneuploidy	Preimplantation Genetic Screening (PGT-A) using Illumina SurePlex (PicoPLEX® Single Cell WGA kit) whole genome amplification (WGA) and VeriSeq™ NGS and: Illumina MiSeq SOP 59 (Location A); Illumina NextSeq analyser SOP 92: NGS for PGT-A and PGT-SR; SOP 009: Whole Genome Amplification via SUREPLEX (Location B) via CooperGenomics^{SM} PGTai^{SM} Bioinformatics technology including EmbryoDx pipeline automation	A B

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Biopsy samples from IVF generated embryos	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: WGA of embryo DNA by the polymerase chain reaction (ABI 3130), followed by preparation (quantification using the Qubit) and the analysis of WGA DNA for variation of chromosome copy number by NGS using Illumina MiSeq (Location A); Illumina SurePlex (PicoPLEX® Single Cell WGA kit) WGA and VeriSeq™ NGS, Illumina NextSeq SOP 92: NGS for PGT-A and PGT-SR; SOP 009: Whole Genome Amplification via SUREPLEX (Location B) via CooperGenomics[SM] PGTai[SM] Bioinformatics technology including EmbryoDx pipeline automation	A B
Biopsy samples from IVF generated embryos	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 SOPs: SOP 070; 071; 072; 073; 015	B
END			