Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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Accredited to ISO 15189:2012

Invitro Genetics Ltd, trading as CooperGenomics

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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:	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 whole genome amplification (WGA) and VeriSeq™ NGS; Illumina MiSeq. (SOP 59)
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 Disorders (PGT-SR) by Whole genome amplification (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 Next Generation Sequencing (NGS) using a MiSeq analyser: Ilumina's VeriSeq NGS protocol to measure DNA /chromosome copy number.
END		