

Solid Tissue Cytogenetic Analysis

Chromosome analysis of solid tissue samples using an appropriate investigation method (see **Analysis** below) depending upon the referral reason and type of sample sent.

Referrals / Indications	Analysis / Services
<ul style="list-style-type: none"> • Confirmation of prenatal test result • Abnormal foetus • Perinatal, neonatal and other infant deaths with suspected chromosomal cause • Miscarriage (POCs) – three or more consecutive pregnancy losses • Suspected mosaicism 	<ul style="list-style-type: none"> • Array Comparative Genomic Hybridisation (array CGH) • Aneuploidy testing by QF-PCR • Fluorescence in situ Hybridisation (FISH) • Chromosome analysis by karyotyping

Sample Requirements
<p>Products of conception, foetal skin or other solid tissue samples – send in sterile transport medium supplied by laboratory or normal saline (sterile)</p> <p>Please note, products of conception or placental samples must be accompanied by a 5ml maternal blood sample in an EDTA tube</p> <p>Please label samples with three identifiers and date of collection</p> <p>All samples must be accompanied by a completed request form Consent for testing and sample storage is assumed when the request is received – it is the responsibility of the referring clinician to ensure that appropriate consent has been obtained</p>

Prices* & Turnaround Times (TAT)

*

Available on request

Analysis	TAT
Array CGH testing	42cd
Aneuploidy testing (QF-PCR)	42cd
FISH analysis	42cd
Chromosome analysis	42cd

Links

Orphanet

<http://www.orpha.net/>

EDDNAL

<http://www.eddnal.com/>

OMIM

<http://www.omim.org/>

GeneTests

<http://www.genetests.org/>

Genetic Test Registry

<http://www.ncbi.nlm.nih.gov/gtr/>

Decipher

<http://decipher.sanger.ac.uk/>

Unique

www.rarechromo.org

Contact Details

All Wales Medical Genomics Service,
Institute of Medical Genetics,
University Hospital of Wales,
Heath Park,
Cardiff CF14 4XW
Tel: 029 218 44674
Fax: 029 218 44043

Lab.genetics.cav@wales.nhs.uk
medicalgenomicswales.co.uk

Accredited to ISO 15189:2012
(8988)