

POSTNATAL TESTING

Test Required	Specimen Type	Container	Volume	Transport/Storage
Karyotype and/or FISH	Blood	Lithium Heparin	2ml Adults/children 1ml newborn	1 st Class post or courier
Array/QF-PCR	Blood	EDTA	3ml Adults/children 1ml newborn	1 st Class post or courier (taxi for urgents)
DNA Test, Single gene, Gene panel or Exome (Molecular genetics)	Blood	EDTA	3ml Adults/children 1ml newborn	1 st Class post or courier

PRENATAL TESTING

Test Required	Specimen Type	Container	Volume	Transport/Storage
Rapid QF-PCR, Microarray, G-banded Karyotype or Molecular Genetic testing	Amniotic fluid (AF) (minimum 16w gestation)	2 sterile universal	8ml for culture 8ml for DNA extraction	Must be received by 1400. Taxi/Courier/Van service
	Chorionic Villus (CVS)	Sterile universal with transport media (available from laboratory)	20-30mg	Must be received by 1500. Taxi/Courier/Van service
	Parental Bloods (with separate referral forms)	EDTA and Lithium Heparin	3-5ml	(with above samples)

Call 0131 537 1183 to notify laboratory of sample.

If samples will not reach laboratory within time limits, refrigerate overnight and send next day. Avoid sending on Fridays if possible.

TISSUES

Test Required	Specimen Type	Container	Volume	Transport/Storage
QF-PCR, Array, DNA storage	POC, placenta/cord, fetal tissue biopsy	Sterile Universal with saline/transport media		SEND TO PATHOLOGY NRIE
Mosaicism score/Cryopreservation	Skin biopsy/other solid tissues			SEND TO GLASGOW (West of Scotland Genetics)

ONCOLOGY

Test Required	Specimen Type	Container	Volume	Transport/Storage
Karyotype, FISH, Array	Bone Marrow Aspirate (Blood for CLL FISH etc)	Sterile Universal with BM/biopsy media, available from laboratory (or Lithium Heparin blood tube)	Attempted processing of all sizes of samples.	Courier or Taxi (Phone to inform laboratory before sending urgents)
Chromosome Breakage	Blood	Lithium Heparin and EDTA		SEND TO ABERDEEN (North of Scotland Genetics)



Lithium heparin
(sometimes labelled
LH)



EDTA
(sometimes labelled
K2)