

Specialist Integrated Haematological Malignancy Diagnostic Service (SIHMDS)
Genetic testing provided by South West Genomic Laboratory Hub (SW GLH)

Address: Pathology Sciences, North Bristol NHS Trust, Southmead Hospital, Westbury-on-Trym, Bristol BS10 5NB

PATIENT DETAILS

Surname:	Given Name:	Originating Hospital	Consultant
NHS Number:	Hospital Number:	First line of address & postcode (mandatory for genetics samples)	NHS <input type="checkbox"/> Private <input type="checkbox"/> Research <input type="checkbox"/>
DOB: Male / Female	Urgent? Yes / No If yes, give reason:	Previous investigation at BHODS? Yes / No	Known danger of infection sample? Yes / No

SPECIMEN DETAILS

Specimen type(s) Blood <input type="checkbox"/> Marrow aspirate <input type="checkbox"/> Marrow trephine <input type="checkbox"/> Lymph node <input type="checkbox"/> Other fluid/tissue (specify) <input type="checkbox"/> Biopsy site: Specimen date & time:	Hb:..... WBC:..... Neuts:..... Lymphs: Plts:..... Other relevant: SAMPLE TYPE: Diagnostic <input type="checkbox"/> Relapse <input type="checkbox"/> Follow-up / MRD <input type="checkbox"/> Trial Samples Yes / No TRIAL _____ TRIAL ID _____
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CLINICAL DETAILS / SUSPECTED DIAGNOSIS:

Details of relevant current/previous treatment:

INVESTIGATIONS REQUIRED:

Aspirate morphology Flow cytometry Cytology / Cellular Pathology
 Cytogenetics Cytogenetics storage only
 Myeloma FISH (samples must reach lab within 48hrs, please use 1st/2nd aspirate draw)
 Other FISH (state which)

Molecular testing:

Next Gen Seq: Myeloid panel (MPN/MDS/AML)
 IgVH mutation status (CLL)
 TP53 mutation status (CLL)
 MYD88 mutation status
 Qualitative BCR-ABL 1
 Quantitative BCR-ABL1
 Clonality testing: B cell T cell

ABL1 Kinase mutation
 JAK2 V617F mutation
 MPN sequential analysis (CALR/MPL/JAK2 Exon 12)
 BRAF V600E
 GATA-1
 KIT
 NPM1/FLT3
 Molecular MRD Monitoring ALL

REQUESTOR DETAILS

Specimen sent by:	Contact details:
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In submitting this sample the clinician confirms that consent has been obtained to test for the suspected disorder and for cellular/DNA/RNA storage.

May this sample be used for research? Yes / No

FOR LABORATORY USE

Date Received: Time Received:	Initials:	Samples:	Genetics LN:
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SAMPLE ADVICE		
Blood / Marrow aspirate samples	Morphology	PB slides x2 + BM slides x3 PB 5ml in EDTA +/-or BM Asp 2ml in EDTA
	Cytogenetics / FISH	PB 5ml in Li Heparin BMA 1-2ml in heparinised tissue culture medium (available from Cytogenetics)
	Molecular Investigations	PB 10-20ml in EDTA BMA 1-2ml in EDTA A.L.L. MRD studies BMA 1-2ml in ACD RNA samples (e.g. BCR-ABL) must reach lab within 72hrs
Tissue samples	BM Trephine	Formalin
	Lymph Node or extranodal tissue for histology	Formalin
	Lymph node FNA for cytology	Smear slides, needle washings in CytoLyt (latter is not needed if fixed tissue and fresh sample are also provided)
	Fresh tissue/FNA for flow cytometry and/or genetics	Saline or cell culture medium (without coagulation or preservative). Please alert laboratory flowlab@nbt.nhs.uk tel: 0117 414 8377 NB Samples placed in Formalin or CytoLyt (an alcohol preservative) cannot be used for flow cytometry
FFPE tissue samples for genetics	Molecular testing (gene mutations, clonality)	10 x 5µm curls in a sterile Eppendorf (if tumour content >20%) or 10 x 5µM slides (if tumour content is <20%).
	FISH	2x4µm sections per test on 'APES' or 'sticky' slides with an accompanying H&E slide with the appropriate tumour-rich areas marked, labelled with patient name, date of birth and pathology block number
Other samples	CSF/Ascites/Pleural Fluid/Breast Seroma fluid/Other for cytology/flow cytometry/genetics	In sterile container. Please send immediately to lab to avoid sample deterioration.
CONTACT DETAILS		
Haem Day Unit, NBT		Tel: 0117 4143580
Flow cytometry Nigel Noel / Paul Virgo		Tel: 0117 414 8373 / 8377, Fax: 0117 414 8382 Email: nigel.noel@nbt.nhs.uk / paul.virgo@nbt.nhs.uk / flowlab@nbt.nhs.uk
Cytogenetics / FISH Chris Wragg		Tel: 0117 414 6141, Fax: 0117 414 6464 Email: christopher.wragg@nbt.nhs.uk / DutyScientistHaemato-Oncology@nbt.nhs.uk
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