

BHODS

Bristol Haemato-Oncology **Severn Pathology**
Diagnostic Service



North Bristol NHS Trust

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 ☐ Private ☐ Research ☐
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 ☐ Marrow aspirate ☐ Marrow trephine ☐ Lymph node ☐ Other fluid/tissue (specify) ☐ Biopsy site: Specimen date & time:	Hb:..... WBC:..... Neuts:..... Lymphs: Plts:..... Other relevant: SAMPLE TYPE: Diagnostic ☐ Relapse ☐ Follow-up / MRD ☐ Trial Samples Yes / No TRIAL TRIAL ID
---	--

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 1 st /2 nd aspirate draw) Other FISH ☐ (state which)	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:
-------------------	------------------

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:
----------------------------------	-----------	----------	--------------

SAMPLE ADVICE		
Blood / Marrow aspirate samples	Morphology	PB slides x2 + BM slides x3 PB 5ml in EDTA +/- 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
Molecular Oncology Paula Waits, Jeremy Hancock		Tel: 0117 414 6173, Fax: 0117 414 6464 Email: paula.waits@nbt.nhs.uk / jeremy.hancock@nbt.nhs.uk / DutyScientistHaemato-Oncology@nbt.nhs.uk
Histopathology / Cytology Dr Joya Pawade / Dr Yuening Zhang / Dr Judit Sutak		Tel: 0117 414 9838, Fax: 0117 414 9390 Email: joya.pawade@nbt.nhs.uk / Yuening.zhang@nbt.nhs.uk / judit.sutak@nbt.nhs.uk
Haematology Laboratory Paul Virgo		Tel: 0117 414 8373 Fax: 0117 414 8382 Email: paul.virgo@nbt.nhs.uk