HAEMATOLOGY GENETICS

PATIENT DETAILS

SURNAME	DATE OF BIRTH	SEX: M/F	Referring Consultant
FORENAME	NHS NUMBER		Hospital / Department
Postcode	Hospital number		Clinicians contact number
NHS England / Other NHS / Private (Address for invoicing if not NHS England):	Additional copies of the report to		Clinicians NHS.net email @nhs.net

Test Selection: please refer to the National Genomics Test Directory clinical indication details (https://www.england.nhs.uk/publication/national-genomic-

Clinical Details / Suspected Diagnosis

New case: Y / N

Specimen type (circle as appropriate):
BM Blood Other (*please specify*):

Date of collection: Collected by:

Bone marrow transplant: Y / N
If yes, BMT date: donor: M / F
Auto / Sib / VUD / Cord / Haplo

History of (circle as appropriate)**:**
chemotherapy radiotherapy exposure to mutagens

Previous genetic investigation/s : Y / N If yes, relevant details:

Culture only Y / N

Myeloid disorders (MDS, MPN, MDS/MPN, AML, CML*) *CML chronic phase is not a clinical indication for myeloid NGS panel

G-banding FISH é é é é ..é é é é é é é é ..... Myeloid NGS panel

Molecular tests specific to AML

FLT3-ITD *FLT3*-TKD *NPM1* *IDH1/IDH2* *TP53* sequencing

Molecular tests specific to MPN, Myeloid/Lymphoid Neoplasms with Eosinophilia, Mastocytosis

MPN panel (*JAK2* V617F/*CALR/ MPL/JAK2* exon 12)#

KIT D816V Extended *KIT* panel (if D816V neg

é é é ..... Sequencing: *TP53* *BRAF* V600

Myeloma

Paraprotein type é é . Paraprotein level é é . % Plasma cells in BM .....

Diagnosis confirmed? If Yes please circle as appropriate: MGUS SMM MM PCL Plasmacytoma

CD138-positive selection only (storage) Myeloma FISH panel

SPECIMEN REQUIREMENTS: Haematological genetics
(Includes Karyotyping, FISH, RT PCR and mutation testing)

Sample type

BM:

ÅConventional cytogenetics for acute leukaemias, MDS, MPD, MDS/MPN and AA: 0.5- 1ml in transport medium [but lithium heparin (LH) accepted].

ÅFor new paediatric acute leukaemias also send KCH (3 drops of BM in KCH to be fixed at referring laboratory); if transport medium is not available, send sample in LH.

Å*KIT,* Myeloid NGS panel, MPN panel, *FIP1L1/PDGFRA*: 2-3ml in EDTA; however, material sent in transport