

## qNPM1 TEST REQUEST – ADDITIONAL INFORMATION

### Please complete **MANDATORY INFORMATION** below

Please contact Molecular Haematology Lab, PAH on 07 3176 4994 if you have any questions.  
Completed form to be submitted with request or emailed to: [molecular.haematologypah@health.qld.gov.au](mailto:molecular.haematologypah@health.qld.gov.au)

Please complete patient details below or place sticker on form

PATIENT DETAILS	Surname:	Place sticker here
	First Name:	
	DOB:	
	UR #:	

Request date:

Requesting doctor:

### SELECT ASSESSMENT TIMEPOINT

#### MANDATORY INFORMATION

(Testing cannot proceed without this information)

- Diagnosis
- Post cycle 2 Intensive chemo
- Non-intensive chemo, post cycle:
- Pre-allograft
- End of treatment (EOT) / Post-allograft
- Surveillance
- ?Relapse
- Other (please indicate):

### SAMPLE REQUIREMENTS

The required sample type, either peripheral blood (PB) or bone marrow (BM), for each assessment timepoint for **intensively treated patients** is outlined below (as based on ELN, 2025). Other sample types or timepoints will not have clinical interpretation provided.

ASSESSMENT TIMEPOINT	SAMPLE TYPE
Diagnosis	BM <b>AND/OR</b> PB (if blasts $\geq$ 20%)
Post cycle 2 intensive chemotherapy	PB
Pre-allograft	PB
End of treatment (EOT) / post-allograft	BM
In follow-up	PB (4-6 weeks) <b>OR</b> BM (3 months)
?Relapse	PB <b>AND/OR</b> BM

### SAMPLE COLLECTION AND TRANSPORT

Please collect 8mL (i.e. 2x full tubes) of PB AND/OR 4mL BM (first pull) in **dedicated EDTA** tubes.

Store and transport samples at **2°C to 8°C** for receipt at laboratory (Monday to Friday) within 72 hours of collection.

Samples should be received before **4 pm on Fridays/long weekends** or they may be no-tested if unable to be processed within 72 hours of collection due to RNA degradation, which may affect assay sensitivity.

### OTHER INFORMATION

Confirmation of *NPM1* variant type at diagnosis is done with NGS, and subsequent MRD testing performed using either the appropriate MRD assay: Xpert *NPM1* assay at PQ for A, B and D variant types, with other rarer *NPM1* variants (4bp insertions at c.863\_864) referred to Alfred Health, Melbourne for testing.