



## MYELOMA PROGNOSTIC FISH

### PATIENT DETAILS

<b>SURNAME</b>	<b>NHS Number</b>	<b>Clinical Details / Suspected diagnosis</b>
<b>FORENAME</b>		
<b>Date of birth</b>	<b>Sex: M / F</b>	
Postcode	Hospital Number	
Referring Consultant	Hospital / Department	
Clinician's Contact Number	NHS / Private ( <i>address for invoicing</i> ):	<b>Plasma cell purification only (storage) *</b> <input type="checkbox"/>
BLEEP		
<b>Specimen type</b> (circle as appropriate):		<b>Proceed with MM FISH panel *</b> ( <i>please note that the prognostic value of this test only applies to MM &amp; SMM</i> ) <input type="checkbox"/>
<b>BM</b> <b>Blood</b> <b>Other</b> ( <i>please specify</i> ):		
<b>Date of collection:</b>	<b>Collected by:</b>	
WCC ..... Plts ..... Neuts ..... MCV ..... Hb ..... Paraprotein type ..... Paraprotein level ..... % of Plasma cells in BM ..... ISS .....		
<b>New Case</b>	<b>Y / N</b>	
<b>Diagnosis confirmed?</b>	<b>Y / N</b>	
<b>If YES please circle as appropriate:    MGUS    SMM    MM    PCL</b>		
<b>If diagnosis of MM confirmed, was there history of MGUS or SMM?    Y / N / Not known</b>		
<b>If the diagnosis is of plasmacytoma, is there evidence of BM involvement?    Y / N</b>		
<b>Details of any previous therapies:</b>		
<b>Previous genetic investigation/s    Y / N</b>		
<b>If YES, please give details:</b>		

In light of the requirement to process samples within 24 hr of aspiration and the time taken to purify the plasma cell component, **PLEASE PHONE THE LAB TO WARN US THAT THE SAMPLE IS COMING**. Samples arriving after 1pm on Friday cannot be processed until the following Monday; this may compromise the plasma cell purity.

## **SAMPLE REQUIREMENTS: Multiple Myeloma FISH**

### **TISSUE**

**Bone marrow:** Only bone marrow is suitable for MM FISH (unless the patient has plasma cell leukaemia when blood may be acceptable).

Continued aspiration of most MM bone marrows results in significant haemodilution which is a serious problem for FISH. Please send 0.5-1 ml marrow from as early in the pull as possible, or slightly re-position the needle for the sample for FISH.

Containers: BM transport medium tube (or lithium heparin tube in an emergency)

**FFPE sections / tumour dabs (only for plasmacytoma):** Slides containing at least six unstained FFPE sections (3-4 µm) or tumour dabs should contain at least 2 patient identifiers. Please package in a slide box.

Details on both the referral card and the sample tube should be **complete and legible**. We reserve the right to refuse to process samples with incomplete, illegible or ambiguous patient information.

Any samples in the wrong tube or medium, or which are subject to significant delay in transit, are liable to be rejected.

### **SAMPLE DESPATCH AND TRANSPORT**

Sample and referral card should be sent **together** in a secure leakproof package according to UN P650 packaging instructions, to arrive as soon as possible after collection e.g. by first class post, courier service or hospital transport. Outside packaging should be clearly labelled '**PATHOLOGICAL SAMPLE FOR DELIVERY TO GENETICS**'.

### **SAMPLES MUST ARRIVE IN THE LABORATORY WITHIN 24 hr OF BEING TAKEN**

They should therefore be despatched by hospital transport, courier or 1st class post clearly labelled 'urgent'. Please phone us if anything is sent by courier which might arrive outside normal working hours.

**For current information and to download copies of our referral forms and service guides please refer to our website [www.wrql.org.uk](http://www.wrql.org.uk)**