



Accredited to  
ISO 15189:2012

## Bone Marrow Aspirate

<b>Synonyms</b>	Bone Marrow Biopsy
<b>Clinical Indication</b>	To identify and monitor progress of haematological and other associated diseases by morphological examination of bone marrow fluid.
<b>Part of Profile / See Also</b>	
<b>Request Form</b>	Use standard request forms. Only orderable by Haematology clinicians.
<b>Availability / Frequency of Analysis</b>	Requested by Haematology consultants only. Available Monday to Friday.
<b>Turnaround Time</b>	Up to 2 weeks for non-urgent, <24hrs for urgent requests
<b>Patient Preparation</b>	Bone marrow aspirate performed by Haematology clinicians.
<b>Sample Requirements</b>	
<b>Specimen Type</b>	Bone Marrow
<b>Volume</b>	0.5ml
<b>Container</b>	Bone marrow fluid spread directly onto slide  Further samples of bone marrow aspirate can be collected after the initial morphology sample to be used for immunophenotyping, cytogenetic or molecular tests.
<b>Reference Range &amp; Units</b>	N/A
<b>Interferences</b>	Aparticulate bone marrow aspirates will not be fully reportable
<b>Interpretation &amp; Clinical Decision Value (if applicable)</b>	Bone marrow aspirates are interpreted by Haematology consultants to identify if abnormal cytological features are present. This includes identifying individual cells, assessing cell maturation and numerical counting of the haematological cells. For diagnostic purposes the bone marrow aspirate morphological assessment will be interpreted alongside other tests including peripheral counts and smear, immunophenotyping, cytogenetics, molecular tests and a trephine.
<b>References</b>	ICSH guidelines for the standardization of bone marrow specimens and reports. <i>International Journal of Laboratory Haematology</i> .
<b>Test code</b>	MARR
<b>Lab Handling</b>	Only process bone marrow slides once thoroughly dried at room temperature.