



# Immunophenotyping

<b>Synonyms</b>	Cell markers
<b>Clinical Indication</b>	Used in the diagnosis of leukaemia and lymphoproliferative disorders.  Clinically indicated if requested by Consultant Haematologist or if agreed with Consultant Haematologist.
<b>Part of Profile / See Also</b>	
<b>Request Form</b>	Cell Markers request form completed by consultant haematologist
<b>Availability / Frequency of Analysis</b>	Monday to Thursday. Urgent samples only on Friday.  Referred test: Analysed by Barts Health - <a href="#">8285</a>
<b>Turnaround Time</b>	24 hours to 7 days depending on urgency
<b>Patient Preparation</b>	Peripheral blood requires no preparation. If bone marrow then an appropriate aspirate must be obtained.
<b>Sample Requirements</b>	
<b>Specimen Type</b>	Whole blood or bone marrow aspirate
<b>Volume</b>	For whole blood 2 x 3 or 4ml EDTA, For Bone marrow at least 2ml EDTA
<b>Container</b>	 Purple top (EDTA) tube   Paediatric Lavender top (EDTA) tube
	<b>Samples should be transported to laboratory immediately.</b>
<b>Reference Range &amp; Units</b>	See individual report
<b>Interferences</b>	Prolonged storage
<b>Interpretation &amp; Clinical Decision Value (if applicable)</b>	Immunophenotyping results are interpreted alongside other haematology results including cytogenetics, FBC and film.
<b>References</b>	Barts Health SIHMDS User guide
<b>Test code</b>	IMMS
<b>Lab Handling</b>	Do not refrigerate samples. Can be stored overnight if courier available next day. Send by courier or first class post to the referral laboratory.