

Immunophenotyping

Synonyms

Cell markers

Clinical Indication

Used in the diagnosis of leukaemia and lymphoproliferative disorders.

Clinically indicated if requested by Consultant Haematologist or if agreed with Consultant Haematologist.

Part of Profile / See Also

Request Form

Cell Markers request form completed by consultant haematologist

Availability / Frequency of

Monday to Thursday. Urgent samples only on Friday.

Analysis

Referred test: Analysed by Barts Health - [8285](#)

Turnaround Time

24 hours to 7 days depending on urgency

Patient Preparation

Peripheral blood requires no preparation. If bone marrow then an appropriate aspirate must be obtained.

Sample Requirements

Specimen Type

Whole blood or bone marrow aspirate

Volume

For whole blood 2 x 3 or 4ml EDTA, For Bone marrow at least 2ml EDTA

Container



Purple top (EDTA) tube



Paediatric Lavender top (EDTA) tube

Samples should be transported to laboratory immediately.

Reference Range & Units

See individual report

Interferences

Prolonged storage

Interpretation & Clinical

Decision Value (if applicable)

Immunophenotyping results are interpreted alongside other haematology results including cytogenetics, FBC and film.

References

Barts Health SIHMDS User guide

Test code

IMMS

Lab Handling

Do not refrigerate samples. Can be stored overnight if courier available next day. Send by courier or first class post to the referral laboratory.



8285

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