



UK NEQAS Leucocyte Immunophenotyping Checklist

South Yorkshire and Bassetlaw Pathology Transformation Programme
Transforming Patient Care through Leading Edge Pathology Services



Help to source External Quality Assessment (EQA)/Proficiency Testing (PT) material to meet the Quality Assurance needs of Laboratory Medicine

Case presents in the laboratory • clinic • ward

New diagnosis (or relapsed) leukaemia:
AML (inc. transformed MDS), MPN, ALL,
CLL or lymphoma with liquid component

Peripheral blood: WCC >50 x10⁹/L
Bone marrow: >50% blasts, WCC ~100 x10⁹/L

Paroxysmal Nocturnal
Haemoglobinuria Clone size >10%

Plasma Cell Myeloma
Bone marrow: WCC >50 x10⁹/L

Samples acquired preferably before treatment, please contact us to discuss

Routine diagnostic or treatment waste



Sample(s) in EDTA • Purple/pink/lavender topped tubes

Patient to have had no recent clinical history of infection with a class 2, 3 or 4 agent (COSHH hazard group). Please refer to the HSE Approved list of biological agents, latest edition (www.hse.gov.uk/biosafety/information.htm)

No additional consent required

Material will be used for educational purposes (Human Tissue Act, 2004)

Please contact UK NEQAS LI as soon as possible to notify us of a potentially suitable case.

Pseudo-anonymise sample(s) removing the patient's full name and any home address details.

Please retain patient initials, DoB, hospital/NHS number or other LIMS reference(s) to facilitate sample identification for the purposes of pooling.

Please contact us to discuss the collection of **leukapheresis harvest** material.

Consented patient donation

IMPORTANT: Informed consent

must be established and documented prior to venipuncture



Please confirm sample volume requirements with UK NEQAS LI. This can be variable depending on recent white cell count (WCC) and intended use of the donation.

Information for patients regarding the donation process and use of material can be found in the **UK NEQAS LI donation consent form pack**. Download from our website:

<https://www.ukneqasli.co.uk/contact-us/help-to-source-patient-material-for-eqa-pt/>

or request a copy via email: admin@ukneqasli.co.uk

Please complete all sections of the form and ensure the relevant copy is (1) filed in the patient's notes and (2) accompanies the sample(s).

Pack sample(s) for transit as per local SOP, adhering to H&S requirements

- **SY&B Pathology linked hospitals:** Send via your local specimen transport service c/o HODS laboratory, Royal Hallamshire Hospital, Sheffield, S10 2JF
- **Other hospitals/urgent sample:** Contact UK NEQAS LI as soon as possible for us to arrange sample transportation (at no cost to your centre) and provide the receiving address

Sample(s) to reach UK NEQAS LI ideally within 48 hours • Please contact us if you foresee a delay

THANK YOU