UK NEQAS
Education | Quality | Global

Histocompatibility & Immunogenetics

*Director:* *Mrs D Pritchard*
*Operations Manager:* *Miss A De'Ath*

*Tel:* *+44 (0) 1443 622185*
*Email:* *ukneqashandi@wales.nhs.uk*
*Web:* *www.ukneqashandi.org.uk*

***UK NEQAS for H&I***
*Welsh Blood Service, Ely Valley Road*
*Pontyclun, CF72 9WB, UK*

# Sample Request Form

| **Scheme 3 - HLA Antibody Specificity Analysis** | | | |
|---|---|---|---|
| **Distribution Date:** | 19/05/2026 | **Result Deadline:** | 30/06/2026 |
| 3-1-2026 | | | |
| 3-2-2026 | | | |
| 3-3-2026 | | | |

## IMPORTANT INFORMATION ON EQA SAMPLES

**DISEASE MARKERS:** While UK NEQAS for H&I blood samples are obtained from low risk routine blood donors, not all EQA material is tested for disease markers. As with all biological material, samples should be considered as potentially hazardous. Handle with caution and apply accepted standards of Good Laboratory Practice.

**RESULTS SUBMISSION:** Please visit our website (https://ukneqashandi.org.uk/) for details including result deadlines and how to submit your results using our online Portal at https://ukneqashandi.naqoda.cloud/.

**SAMPLE HANDLING:** All samples are shipped at ambient temperature. Samples for schemes that require viable lymphocytes (e.g. crossmatching, phenotyping, HLA-B27 detection by flow cytometry) are not stable and will deteriorate with increased storage time and exposure to extremes of temperature. Samples must be assessed for suitability for testing and tested as soon as possible after receipt. If a sample cannot be tested please record them as 'not tested' in the Portal and state the reason why samples cannot be tested.

**SERUM SAMPLES:** All serum samples contain approximately 0.1% sodium azide.

**WHOLE BLOOD SAMPLES:** These are CPD-A1 blood donations. Samples for Schemes 1A, 1B, 2A, 2B and the Educational Scheme are diluted approximately 10-20% with RPMI 1640 tissue culture medium containing tri-sodium citrate.

**ISOLATED LYMPHOCYTES:** Isolated lymphocyte suspensions are prepared from whole blood donations under sterile conditions and transported in Park Terasaki medium. Prior to testing, the samples should be washed and re-suspended to give an appropriate cell count.

**DNA EXTRACTS:** These are normally supplied in small tubes so check all packaging carefully before discarding. DNA extracts will have their DNA volumes and concentrations provided.

**ALL SAMPLES MUST BE:**

- Mixed thoroughly before processing
- Assessed for suitability for testing on receipt
- Treated in the same manner as routine clinical samples regarding storage, processing, and disposal
- Tested as soon as possible after receipt

Further details about the samples and Schemes can be found in the Participant Manual, available on our website https://ukneqashandi.org.uk/