

Place labelled specimen in bag, remove protective strip, fold flap onto bag and seal firmly.

3A

# HISTOCOMPATIBILITY & IMMUNOGENETICS



Blood and Transplant

## Platelet Refractoriness / Transfusion Reactions

**IMPORTANT:** Please ensure that the three points of identification used on this form and all samples match. Please use **BLOCK CAPITALS** to complete. See reverse of forms for sample labelling criteria.

**Essential information included in this box must be completed, or the sample may not be tested.**

### Patient/Donor Details

Surname

Forename

NHS/CHI No.

NHS  Non-NHS/Private

DOB DD/MM/YY

Sample type (if not peripheral blood) .....

Sample Date DD/MM/YY

### Requester Details

Name of Requester

Department

Hospital Name, Full Address and ODS code† .....

.....

.....

Purchase Order No. (if applicable) .....

Signature .....

I acknowledge that by making this referral, I am agreeing to NHSBT's terms and conditions, subject to NHSBT's acceptance of the contents of this request form.\*

Sample time (time taken)   :

Hospital number

Alternative ID

Male  Female

Ethnicity (please indicate if not provided) .....

Name of Consultant

Contact No.

Additional copy of report(s) to: .....

.....

Billing Name/address (if different from above) .....

.....

.....

### Diagnosis / Treatment / Test Reason / Relevant Clinical Information

**URGENT INVESTIGATIONS** – Telephone the laboratory before sending any samples.

Send **ALL** samples at ambient temperature. Tick box(es) of test(s) required and supply relevant information as required.

### Platelet Refractoriness: HLA antibody testing and typing

- Initial Investigation of Platelet Refractoriness (HLA type and antibody screen (6ml EDTA & 6ml clotted (serum)))
- Follow up Investigation of Platelet Refractoriness (6ml clotted (serum))

**For HPA testing, please use form 3D.** HPA testing is only required if the patient is refractory following transfusion of HLA selected platelets.

### Send TRALI and Transfusion Reaction samples direct to H&I Filton

#### TRALI

- Transfusion-related acute lung injury (TRALI) (Pre-transfusion sample: 6ml EDTA and 6ml clotted (serum) from the patient). Provide (if known) patient/donor TRALI case reference number ..... and donation numbers of all blood products transfused less than 24 hours before event.

#### Transfusion Reactions

- Transfusion-associated Graft versus Host Disease (TaGVHD): (STR testing) – Discuss sample requirements with H&I Consultant.
- Severe febrile non-haemolytic transfusion reaction screening for HLA, HNA & HPA antibodies (2 X 6 ml EDTA and 2 X 6 ml clotted (serum)) – Discuss with the NHSBT Medical Consultant before sending.

**For Post Transfusion Purpura (PTP) use form 3D.**

#### NHSBT use only

FRM745/4.2

ISBT 128 label (Molecular)

ISBT 128 label (Serological)

Number of each sample received

EDTA  Clotted (Serum)  Other

Comments:

Signature

Date (Serum)Received

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**For Your Information: Send all samples at ambient temperature**

Address all samples to **"H&I - Diagnostic Specimens"** and use the correct address for the laboratory.

| NHSBT CENTRE | ADDRESS  | Phone - LAB   | OUT OF HOURS  |
|--------------|--|---------------|---------------|
| Barnsley     | Barnsley Blood Centre (Unit D), Capitol Way, Dodworth, Barnsley, S75 3FG | 01226 86 8241 | 01226 86 8061 |
| Birmingham   | Vincent Drive, Edgbaston, Birmingham, B15 2SG                            | 0121 278 4108 | 0121 278 4037 |
| Filton       | 500 North Bristol Park, Northway, Filton, Bristol, BS34 7QH              | 0117 912 5733 | 0117 912 5724 |
| Colindale    | Charcot Road, Colindale, London, NW9 5BG                                 | 020 8957 2923 | 020 8957 2800 |
| Newcastle    | Holland Drive, Barrack Road, Newcastle upon Tyne, NE2 4NQ                | 0191 202 4410 | 0191 202 4500 |
| Tooting      | Cranmer Terrace, Tooting, London, SW17 0RB                               | 020 3123 8347 | 020 3123 8352 |

**Other H&I test request forms**

|    |  |
|----|--|
| 3A | Platelet Refractoriness / Transfusion Reactions                |
| 3B | Organ Transplant (Patients & Donors)                           |
| 3C | Haematopoietic Stem Cell Transplantation (Recipients & Donors) |

|    |  |
|----|--|
| 3D | Platelet Immunology  |
| 3E | Granulocyte Immunology                                     |
| 3F | Disease Association / Drug Hypersensitivity / H&I Research |

**Consent**

It is the responsibility of the requester submitting a sample, to ensure informed consent has been obtained for all tests, including genetic tests in accordance with current guidance and legislation. Unless written notice is received, consent for both investigations and the use of any surplus sample in scheduled purposes (quality control, staff development or ethics committee approved research) will be assumed.

**IMPORTANT: Sample labelling / completion of request form**

Three points of identification must be used on the form and on the sample tubes (tube and form details must agree):  
**1.** Forename AND surname **2.** Date of birth **3.** NHS/CHI No. (essential where available; if not available another unique identifier must be supplied).

Further copies of this form and MPD1108 "*H&I Requirements for Sample Labelling and Request Form Completion*" can be obtained from: <http://tinyurl.com/h-i-forms>.

In general, smaller volumes are permissible in infants - please contact your laboratory for help and advice.

**Blood sample integrity, storage & transportation**

**Urgent samples must be marked urgent and discussed with the appropriate laboratory before dispatch.**

Samples should be transported at ambient temperature and delivered to the laboratory in a timely manner preferably within 24 hours of collection to ensure sample age is not a limitation factor for testing. Acceptance limits for sample age can be obtained from INF136 "*H&I User Guide*" <https://tinyurl.com/y6r4z5dw>.

Prior to transportation, samples can be stored at 4°C before sending. Samples that are sent to NHSBT must be labelled and packaged as Biological Substance Category B, UN 3373 and must meet PI650. Please contact your local H&I laboratory for help and advice.

**Further information**

All information provided to NHS Blood and Transplant is used in accordance with the General Data Protection Regulation (GDPR) and all other applicable privacy legislation. For more information on how we look after personal details or to find out more about privacy rights visit [www.nhsbt.nhs.uk/privacy](http://www.nhsbt.nhs.uk/privacy) or call 0300 123 23 23. NHSBT is committed to keeping data safe and confidential.

NHSBT H&I information can be found at <https://tinyurl.com/y4xre49f>

† ODS code refers to the NHS Hospital location code, previously known as the NACS organisation code or NHSIA location code eg RJ701 or RQ8MY.

\* NHSBT terms and conditions <https://tinyurl.com/yc4jddcj>