

## INTERNATIONAL BLOOD GROUP REFERENCE LABORATORY

### Request for fetal blood group genotyping from maternal blood

By signing and submitting this Referral Form to NHSBT the Purchaser is acknowledging that the NHSBT Terms and Conditions apply to this Referral. Where the contracting party has a Service Level Agreement with NHSBT which includes the provision of IBGRL services then the Service Level Agreement shall take precedence, and all provisions of that Agreement and subsequent amendments will apply in full

- (1) NHS Blood and Transplant a Special Health Authority established under SI 2005 No 2529 of Oak House, Reeds Crescent, Watford ("NHSBT"); and
- (2) Company Name:  
Address of Registered Office:

Patient details	
Surname	
First name	
Date of birth	
NHS no.	
Hospital no.	
Sample date	
Gestation / EDD	
Known risk of infection?	
Ethnic origin of patient	
Ethnic origin of partner	
Blood group of patient	
Blood group of partner	
Twin pregnancy?	

Comments and clinical history
Name and address of Requester (destination for the report)
Department
Address
Postcode
Tel:
FAX:
Email:
Name of sender
Sender contact telephone no.
Sender email
Send invoice to:
(This information must be provided by non-UK users)

(The "Purchaser")			
Maternal antibodies	Present	Absent	Level
Anti-D			
Anti-c			
Anti-C			
Anti-E			
Anti-K			

Test required	
RhD (from 16 weeks gestation.)	
Rhc (from 16 weeks gestation.)	
RhC (from 16 weeks gestation.)	
RhE (from 16 weeks gestation.)	
K (Kell) (from 20 weeks gestation.)	
Sample sent	
16ml maternal EDTA blood	
3ml EDTA blood from partner (RhD only)	
Frozen maternal plasma on dry ice	
<b>Ship at ambient temperature, to arrive within 48 hours for K typing, other tests within 72 hours</b>	
Please send samples to:	
Molecular Diagnostics International Blood Group Reference Laboratory NHS Blood and Transplant 500 North Bristol Park Filton BS34 7QH	
Tel: 0117 921 7572	
FAX: 0117 912 5782	
Email: molecular.diagnostics@nhsbt.nhs.uk	

NHSBT use only:
Date rec:
Sample ID:
Hematos barcode

This page to be completed by requester and to accompany the sample

## User information - Sending samples for fetal blood group genotyping from maternal blood

See user guide (INF1135) for full details <http://ibgri.blood.co.uk>

### Sample requirements

1. 16ml maternal blood collected in EDTA tube (pink or purple top tubes)
2. This service should be used only for pregnancies which have progressed to at least 16 weeks for testing for RhD, Rhc, RhE and RhC or 20 weeks for Kell.
3. The sample tube must not be opened following blood collection
4. The sample must not be used for any testing prior to being sent to NHSBT
5. The sample tube must be stored at room temperature
6. The sample tube must be labelled with the following information:
  - a. Three unique sample identifiers including: first name and surname, date of birth, and NHS or hospitals number (please note these must be identical to the request form)
  - b. Samples **MUST** be labelled, dated and signed by the person taking them.
7. Labels pre-printed prior to phlebotomy e.g. *Addressograph* labels are not acceptable on samples. They are, however, acceptable on request forms providing they do not obscure other vital details
8. Samples must have handwritten labels unless demand printed labels are produced at the time of phlebotomy. NHSBT must be informed in writing if demand printed labels are in use
9. Hand written alterations on either the sample or request form may make the sample invalid for testing. Any minor alterations must be initialled by the person taking the sample to be acceptable for testing.

### Transport

1. The Sender must place all samples in a suitable container along with the referral form
2. The outer container must include the name/address of the sender and must be clearly marked:

Molecular Diagnostics  
International Blood Group Reference Laboratory  
NHS Blood and Transplant  
500 North Bristol Park  
Filton  
BS34 7QH

3. The sample **MUST** reach the laboratory within 3 days of venepuncture for all tests other than Kell. Samples sent for fetal Kell genotype must arrive within 2 days of venepuncture.

### Samples sent from outside the UK

Where it is not possible to send whole blood samples within the required timeframe, **by prior arrangement with IBGRL** frozen aliquots of processed plasma may be sent on dry ice. Plasma must be processed according to INF1291 (see IBGRL website for details).

Contact IBGRL Molecular Diagnostics if you have any queries on: **0117 921 7572**  
**[molecular.diagnostics@nhsbt.nhs.uk](mailto:molecular.diagnostics@nhsbt.nhs.uk)**