
Blood Transfusion (PRUH) Opening Hours

The Laboratory operates a 24/7 service

Routine Hours

- 9.00am - 8.00pm Monday – Friday (5.00pm – 8.00pm reduced service)

Out-of-Hours

- 8.00pm - 9.00am Monday - Friday
- All day Saturday and Sunday as well as Bank Holidays

Requirements:

- Routine Group and Screen requests **MUST** be received by 18:00 for guaranteed same day processing
- **During Out of Hour, urgent blood and blood product requests MUST be bleeped to the Out of Hours BMS on Bleep 311**
- For special blood product requests (e.g. requests for HLA matched platelets) notification is required 24 hours prior to usage). These cannot be ordered out of routine hours.
- Patient with a history of antibodies **MUST** be discussed with the BMS staff as there may be a delay in blood provision.
- When blood and blood products are ready, a comment notification will be sent to the results section for the patient on the EPR system stating '*Please check Apex for details*'. If unable to access Apex (LIMS) - please call the laboratory for information relating to the availability of blood and blood products.

Location

- Pathology, Level 2, South Wing, Princess Royal University Hospital (PRUH)
- For Viapath Analytics website: www.viapath.co.uk

Contact Details

- Routine Hours - PRUH Blood Transfusion Laboratory – Ext: **64329**
- Out-of-Hours - BT **Bleep 311**
- (**Please note** - that this is a very busy bleep. The bleep will be answered; response may not be instant at busy times. Please be patient and refrain from repeating bleeps in quick succession because the bleep-holder cannot reach you whilst your extension is off the hook)
- **Please note** that during core working hours **Bleep 311** is reserved for Major Haemorrhage Code Red/ Trauma use.
- Blood Transfusion Consultant Haematologist – Contact via switchboard

- For clinical advice please contact the Duty Haematology Clinician in the first instance – **Bleep 156** or via switchboard
- Blood Bank Laboratory Manager – David Veniard Ext: **64249** or email d.veniard@nhs.net
- Transfusion Practitioner – Sue Cole **Bleep 265** or Ext: **64282** Or email s.cole@nhs.net

Sample Requirements

- Group and Screen samples must be taken in Pink Top 6ml EDTA bottles.
- All samples **MUST** be labelled with full patient name, date of birth, hospital number, time and date sample was taken. Specimen labels must be handwritten at the patient bedside at the time of venepuncture.
- Any sample with details missing or incorrect in any of these fields will be rejected and a repeat sample required.
- Wrongly labelled samples **CANNOT** be amended once they have been received in the laboratory.
- Samples **CANNOT** be shared with another department

Sample Validity

- Patient transfused or pregnant in the last 3 months: sample valid for up to **72 hours** (incl. product reservation period)
- Patient **not** transfused and **not** pregnant in the last 3 months: sample valid for up to 7 days

Instructions for completing request forms

Clerical errors account for the majority of Blood Transfusion Adverse incidents

Requests for blood must indicate:

- No of units requested and the type of product required
- Time and Date for which blood is required
- Ward or location of patient
- Any special requirements (i.e. irradiated, CMV negative etc.)
- Any previous antibodies detected
- If previously transfused, state when and where
- Urgent requests - phone the laboratory or out of hours bleep biomedical scientist on duty.

Requests for blood to cover routine surgery:

- Requests where possible should be in the Blood Bank one clear working day prior to surgery - please give a contact ext. or bleep number.
- A previous Group and Screen sample may be suitable for providing cross-matched blood. Contact (PRUH) **64329 Routine Hours** for more information.

Document No PP-QF-089

Version 1.0

Author Rokhsana Umar

Effective date 16/01/2020

Authorised by **Julie Jordan**

Review date 16/01/2021

Requests for Blood Products should be made to Blood Transfusion (PRUH) Ext: 64329

Test	Samples Required
Group & screen/cross match	6mL K2E (EDTA) (pink top)
Direct Antiglobulin Test	6mL K2E (EDTA) (pink top)
Kleihauer	6mL K2E (EDTA) (pink top)
Baby group (aged up to 4 months)	1 ml (EDTA) (pink top)

Useful Links

- **Blood Transfusion Policy**
- **Use of Blood Components**
- **National Blood Service**
- **Transfusion Reaction Form**
- **Consent for Blood Transfusion Support and the Patients that Refuse**
- **Maximum Surgical Blood Ordering Schedule (MSBOS)**
- **Code Red Policy**

Crossmatch Requirements

- Please give as much notice as possible when ordering blood, particularly if patient is known to have atypical red cell antibodies
- **TWO** valid Group and Screen samples must have been **received** for crossmatching- these must have been **taken on separate occasions**. (X2 samples received together are counted as 1 bleed).
- If a patient has been transfused in the past, depending on when the transfusion occurred, a fresh sample may be required – Refer to section on **Sample Validity** (above).

Collection of Blood

- When blood and blood products are ready, a comment notification will be sent to the results section for the patient on the EPR system stating 'Please check Apex for details'. If unable to access Apex (LIMS) - please call the laboratory for information relating to the availability of blood and blood products.
- Approved documentation to provide patient identification is mandatory (i.e. prescription chart - ICP)

Before giving blood it is essential to check that the details on the blood bag and compatibility report match, and the patient has been positively identified (if possible) and the patient ID number on their wristband has been checked.

Check

- Surname, First Name, Date of Birth and Hospital Number on Blood Component Label and Prescription Form

-
- Blood component number and expiry date on the unit itself, tag on the unit and Prescription form
 - Date, Time and Sign the Blood Bank Register to record collection and removal of the component.
 - This is vital for **Cold Chain** of blood components; it is a legal requirement.

Referral Laboratories used by this Laboratory

Refer to the PRUH Pathology attached list - [Direct Referral Laboratories \[PP-QF-044\]](#)

Document No	PP-QF-089	Version	1.0
Author	Rokhsana Umar	Effective date	16/01/2020
Authorised by	Julie Jordan	Review date	16/01/2021
