

Applicability: For rural and suburban sites.

1. Obtaining Blood Components



Always have:

- 2 healthcare providers (one must be a healthcare professional)
- Pick-up slip (Epic or equivalent, e.g., downtime slip)

Unmatched Red Bloods Cells (RBCs)



*Go to **yellow section below** if crossmatched units available.*

1. Obtain unit(s).

- Select only designated unmatched **group O** blood.
- Take **one unit** at a time unless they can be started within 60 min of removal from the fridge.

2. MUST complete the manual issue log:

- Ensure **all fields** on the issue log are completed
- This is required as per policy and standards

3. Collect a Type and Screen:

- Collect a type and screen specimen using the Transfusion Service Identification Number (TSIN).
- A type and screen should be collected as soon as possible, preferably **prior to transfusion**.

4. Inform on-call laboratory staff that group O uncrossmatched units have been transfused.

DO NOT remove components if visual inspection fails. Notify lab personnel per site process.

Crossmatched RBCs, Platelets or Plasma

1. Obtain unit(s) from the appropriate storage location.

- RBC and plasma: fridge
- Platelets: Incubator/rotator
- Take **one unit** at a time unless they can be started within 60 min of removal from the fridge.

2. Crosscheck the pick-up slip and transfusion tag.

3. MUST complete the manual issue log:

- Ensure **all fields** on the issue log are completed
- This is required as per policy and standards

DO NOT remove components if visual inspection fails. Notify lab personnel per site process.

2. Obtaining Blood Products



Always have:

- 2 healthcare providers (one must be a healthcare professional)
- Pick-up slip (Epic or equivalent, e.g., downtime slip)

Blood Products (RhIG, Fibrinogen Concentrate, etc.)

1. Obtain product(s) from the appropriate storage location (room temperature or fridge).
2. Crosscheck the pick-up slip and transfusion tag (as applicable).
3. **MUST** complete the manual issue log:
 - Ensure **all fields** on the issue log are completed
 - This is required as per policy and standards

DO NOT remove products if visual inspection fails. Notify lab personnel per site process.

If administering RhIG to pregnant RhD-Negative patients after a potential sensitizing event:

- Ensure a Valid ABORh and Antibody screen is available **for the current pregnancy**.
- If results are not available, ensure a Prenatal RhIG order is placed in Connect Care and the specimen is collected **prior to administration of RhIG**.
 - RhIG may be given prior to completion of specimen testing.

3. Returning Blood Components/Products

1. Place returned units or products in the designated quarantine location per site lab process.



DO NOT store blood components or products in storage devices or locations unless approved by the Transfusion Medicine Lab.

2. Document details of return on the manual issue log.

For administration of blood components and products, refer to the [Transfusion of Blood Components and Blood Products Policy | Alberta Health Services](#).