

LB.46.3 Requirements for PC storage, transport, and expiration apply.

LB.47 The blood bank and transfusion services develop policies and procedures to ensure that the prepared and/or transfused Leukocyte-Reduced Red Blood Cells (LR-RBC) units are handled in an appropriate manner.

- LB.47.1 Policies and procedures ensure that LR-RBC units are prepared by a method known to retain 85% of the RBC in the original product and a residual WBC count of less than 5×10^6 WBC/ unit.
- LB.47.2 Policies and procedures ensure that 1% of the quarterly production -but not less than 12 units every three months- are subjected to quality control testing. All tested LR-RBC units have a RBC recovery rate of more than 85% and a residual WBC count of less than 5×10^6 WBC/unit in all subjected units.
- LB.47.3 Requirements for RBC preparation, storage, transport and expiration apply.

LB.48 The blood bank and transfusion services develop policies and procedures to ensure that the prepared and/or transfused Leukocyte-Reduced Platelet concentrates (LR-PC) units are handled in an appropriate manner.

- LB.48.1 Policies and procedures ensure that LR-PC units are prepared by a method known to retain 85% of the platelets in the original product and a residual WBC count of less than 8.3×10^5 WBC/ unit or 5×10^6 WBC/pool of six units.
- LB.48.2 Policies and procedures ensure that 1% of the quarterly production -but not less than twelve units every three months- are subjected to quality control testing. All tested LR-PC units have a platelets recovery rate of more than 85% and a residual WBC count of less than 8.3×10^5 WBC/ unit or 5×10^6 WBC/pool of six units.
- LB.48.3 Requirements for PC preparation, storage, transport and expiration apply.

LB.49 The blood bank and transfusion services develop policies and procedures to ensure that the prepared and/or transfused irradiated cellular blood products are handled in an appropriate manner.

- LB.49.1 Policies and procedures ensure that irradiated cellular blood products are prepared by a method known to ensure that irradiation has occurred at each time of use.
- LB.49.2 Policies and procedures ensure that the preparation method used is known to deliver a minimum of 25 GY to the central part of the canister and a minimum of 15 GY at any point. Verification of dose delivered must be performed and evaluated annually.
- LB.49.3 Policies and procedures ensure that irradiated RBC components assigned an expiration date not exceeding twenty eight days from the date of irradiation or the original assigned expiration date (whichever occurs first).
- LB.49.4 Policies and procedures ensure that irradiated platelet components retain their original expiration date.

LB.50 The blood bank develops a process for initial immune-hematological testing of blood donor samples.

- LB.50.1 There are policies and procedures mandating that a sample of blood obtained from the donor during blood/ blood component collection is subjected to the following testing: