LB.43.2 PC components are stored under properly controlled conditions between 20 and 24°C with continuous agitation.

LB.43.3 PC components are transported in properly insulated container as close as possible to 20 and 24°C.

LB.43.4 PC components are assigned an expiration date of twenty four hours to five days from the day of whole blood collection according to the manufacturer's recommendations or four hours of opening PC unit.

LB.43.5 Policies and procedures ensure that 1% of the monthly production but not less than four units every month are subjected to quality control testing. On the expiration date or at issue, 90% of the subjected units have a platelet count of 5.5X1010 platelets/unit or more and a minimum pH of 6.2.

LB.44 The blood bank develops a system for the preparation, storage, transportation, and quality control of Fresh Frozen Plasma (FFP).

LB.44.1 FFP components are prepared by separating and freezing the plasma from the whole blood within eight hours of collection and within six hours for plasma collected by apheresis.

LB.44.2 FFP components are stored under properly controlled conditions below -18°C.

LB.44.3 During transportation, FFP units are maintained at frozen state in properly insulated container.

LB.44.4 FFP components are assigned an expiration date of one year from the day of whole blood collection.

LB.44.5 If cryoprecipitate is not prepared, 1% of the quarterly production- but not less than twelve units every three months- are subjected to quality control testing. 75% of the tested units must have minimum factor VIII level of 700 IU/L.

LB.45 The blood bank develops a system for the preparation, storage, transportation, and quality control of Cryoprecipitate (CRYO).

LB.45.1 CRYO components are prepared by separating cold insoluble proteins from Fresh Frozen Plasma and re-freezing of the product within one hour of preparation.

LB.45.2 CRYO components are stored under properly controlled conditions below -18°C.

LB.45.3 During transportation, the CRYO units are maintained at frozen state in properly insulated container.

LB.45.4 CRYO components are assigned an expiration date of one year from the day of whole blood collection.

LB.45.5 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. 75% of the tested units must have minimum factor VIII level of 80 IU/unit and 150mg of fibrinogen/bag.

LB.46 The blood bank develops a system for the preparation, storage, transportation, and quality control of platelet apheresis units.

LB.46.1 Platelet apheresis units are prepared by separating the platelets from whole blood using apheresis machine.

LB.46.2 Policies and procedures ensure that 1% of the monthly production-but not less than 4 units every month- subjected to quality control testing. On the expiration date or at issue, all of the subjected units must have a platelet count of 3.0X1011 platelets/unit or more, a minimum pH of 6.2, and a residual WBC count of 5X106 WBC/ unit.