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**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.

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**Standard Intent:**

Regardless of the anticoagulant/preservative solution used, plasma separated from WB and frozen within 8 hours of collection has the designation of "Fresh Frozen Plasma" (FFP) and a shelf life of one year. The volume of plasma per unit varies according to the method used for collection and components' separation. BC method tends to yield larger plasma units.

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**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.

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**Standard Intent:**

Cryoprecipitate AHF is the cold-insoluble protein that precipitates when FFP is thawed to 1 to 6 C and is collected by centrifugation; supernatant plasma (Plasma cryoprecipitate reduced) is transferred into a satellite container; and the precipitate is re-suspended in 15 to 20 mL of residual plasma, and then it is refrozen within an hour of separation.

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