**Purpose**

To provide instruction for performing component preparation of thawed plasma in Sunquest, using the Blood Component Preparation (BCP) function.

**Method**

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| --- | --- | --- |
| **Step** | **Actions** | **Related Documents** |
| **1** | **Thawing frozen plasma*** Thawing is performed in the Helmer Quickthaw System or the ARK Microwave Plasma Defroster
* Inspect the thawed product to assure it is intact and passes visual inspection.
 | * Thawing Products Using the Helmer Quickthaw System
* Thawing Products using the ARK Microwave Plasma Defroster
* Visual Inspection of Plasma Products
 |
| **2** | **Component Preparation in SQ*** Open BCP
* Select appropriate code or use search feature to select from the following options:
* THDIV Thaw 5 day divided plasma

 **Note:** *Divided plasma will have the letters AO, BO, CO, or DO*  *as part of the ISBT code, which should have scanned in at BPE.* * THFFP Thaw FFP for single draw plasma frozen within 8 hrs
* TH24H Thaw FP for single draw plasma frozen within 24 hrs.
* THCRYR Thaw 24 hr cryo-reduced plasma
* Tab through date and time if doing processing real time. Adjust date and time if necessary.
* Accept default shift and Tech ID or change if needed. Continue.
* Scan in Unit Number
* Acknowledge QA Warning that test BLC has not been performed.
* The window on the right of the screen displays the data for the product selected from the window on the left of the screen
* Enter any missing mandatory (yellow fields are mandatory) data for each output and new unit.
* The lower screen shows the Task Summary and each unit will have detailed Input and Output data.
* Review the Output new expiration date and time for accuracy. (See Table A)
* Task Summary list can be printed if desired by selecting Task Summary on bottom left of screen.
 | * Blood Label Check (BLC) and Verification
* Label Verification Form
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| **Step** | **Actions** | **Related Documents** |
|  | **Component Preparation in SQ** (continued)* Select SAVE. The system will ask if it should file all units.
* Select OK. The Output/New Units window opens, showing the results of the component preparation.
* Select FINISH
* A Hematrax Label will print. Remove the label from the printer.
	+ Utilize Blood Label Print or stand-alone Hematrax to create labels if the automatic print function fails.
* Open BLC and perform Blood Label Check
* For divided plasma, record ACD volume on the Label Verification Form and verify with a second tech.
* The product will not be in available status for issue until BLC is resulted.
 | * Blood Label Check (BLC) and Verification
* Label Verification Form
* LIS Downtime – Printing Hematrax Labels
* Blood Bank Label Print in SQ
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**TABLE A Expiration Dates**

|  |  |  |
| --- | --- | --- |
| **Product Type** | **Expiration on Label at Draw** | **Expiration on Label Post Thaw** |
| **FP (F24 or FFP)** | **12 months from date of collection, if stored at -18C** | **5 days from date of Thaw or same as original label, whichever is soonest.** |
| **Cryo or Pooled Cryo** | **12 months from date of collection** | **6 hours from time of Thaw** |
| **Apheresis Platelets, Combined** | **5 days from date of collection** | **4 hours after combination** |
| **Cryo Reduced Plasma** | **12 months from date of collection** | **24 hours from time of Thaw** |

**References:**

Blood Bank User Guide, Misys Laboratory

AABB Standards for Blood Banks and Transfusion Services, Current Edition.