**Purpose**

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

**Method**

|  |  |  |
| --- | --- | --- |
| **Step** | **Actions** | **Related Documents** |
| **1** | **Thawing frozen plasma*** Thawing is performed in the Helmer Quickthaw System
* Inspect the thawed product to assure it is intact and passes visual inspection.
 | * Thawing Products Using the Helmer Quickthaw System
* 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:

 **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.* * 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
* Table A- Plasma Component Prep Codes
 |
| **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.
* 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
 |

**TABLE A Plasma Component Prep Codes for BCP function**

|  |  |  |
| --- | --- | --- |
| **Prep Codes** | **Product Description**  | **E codes on frozen units** |
| THDIV | Thaw 5 day divided plasma | E0869 |
| THFFP | Thaw FFP for plasma frozen within 8hrs | E0701 |
| TH24H | Thaw FP for plasma frozen within 24hrs | E2555 |
| THCRYR | Thaw 24hr cryo reduced plasma | E2553 |
| E0713 | Thaw 5 day FFP | E0713 |
| E2617 | Thaw 24h cryo reduced plasma | E2617 |
| E2619 | Thaw 24h plasma | E2619 |

**TABLE B 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 |
| Liquid Plasma | 26 days from date of collection | N/A |

**References:**

Blood Bank User Guide, Misys Laboratory

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