**Purpose**

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

**Method**

|  |  |  |
| --- | --- | --- |
| **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 SystemThawing Products using the ARK Microwave Plasma DefrosterVisual Inspection of Plasma Products |
| 2 | **Component Preparation in SQ*** Open BCP
* Enter or search for appropriate code; “T” followed by the E code of the component being modified
* Tab through date and time if doing processing in real time. Adjust date and time if necessary.
* Accept default shift and Tech ID or change if needed.
* Select Continue.
* Scan in Unit Number and component code
* Acknowledge the warning that test BLC cannot be added to the output unit
* 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.
 | SQ Blood Label Check (BLC) and Verification Label Verification FormTable B |
| **Step** | **Actions** | **Related Documents** |
| 2 (cont) | **Component Preparation in SQ** (continued)* Select SAVE.
* The Preview 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.
* If applicable, affix additional labels such as Zika, or Low Titer
* Open BLC and perform Blood Label Check
* The following require manual label verification with a second tech:
* Unit number on all
* ACD volume, if applicable
* CMV negative, if applicable
* Zika negative, if applicable
* Low Titer, if applicable
 | SQ Blood Label Check (BLC) and Verification Manual Label Verification FormLIS Downtime – Printing Hematrax LabelsSQ Blood Bank Label Print |

**TABLE A: Expiration Dates**

|  |  |  |
| --- | --- | --- |
| **Product Type** | **Expiration on Label at Draw** | **Expiration on Label Post Component preparation** |
| **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 sooner.** |
| **Cryo or Pooled Cryo** | **12 months from date of collection** | **6 hours from time of Thaw** |
| **Cryo Reduced Plasma** | **12 months from date of collection** | **24 hours from time of Thaw** |

**Table B: Plasma Products**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Product** | **Input Ecode** | **BCP FXN** | **Ouput ECode** | **Label Size** | **Other info** |
| FFP | E0701 | TE0701 | E2684 | ½ |  |
| 5 day FFP | E0713 | TE0713 | E2720 | ½ |  |
| 5 day divided plasma | E0869 | TE0869 | E2121 | ½ |  |
| 24 hr plasma | E2555 | TE2555 | E2684 | ½ |  |
| 24 hr plasma | E2619 | TE2619 | E2720 | ½ |  |
| Cryo-Reduced Plasma | E2553 | TE25533 | E2700 | ½ | RARE |
| 24 hr cryo-reduced plasma | E2617 | TE2617 | E2736 | ½ | RARE |

**References:**

Blood Bank User Guide, Misys Laboratory version 7.2

Standards for Blood Banks and Transfusion Services, Current Edition. American Association of Blood Banks. AABB Press, Bethesda, MD.