



# VistA Blood Establishment Computer Software (VBECS) 2.3.1.1 Rev B

## Release Notes Version 4.0

Department of Veterans Affairs  
Enterprise Project Management Office

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# Revision History

| Date    | Revision | Description   | Author   |
|---------|----------|---|----------|
| 5/10/19 | 1.0      | Initial version (Task 967624)   | BBM Team |
| 6/19/19 | 2.0      | Updated the validation scenario for row 3 to include only products that were updated from VBECS 2.3.1.1 Rev B (Task 1025428)<br>Table 1: Changed header text from white to black for better clarity on a printed document.  | BBM Team |
| 7/22/19 | 3.0      | VBECS 2.3.1.1 Rev B (Task 1064822)<br>Throughout: Clarified that 2.3.1.1 Rev B is a patch of VBECS Version 2.3.1.<br>Untestable System-Level Corrected Code Requests: Added bullet regarding Microsoft Report Viewer upgrade.<br>VistA Software Dependencies: Added VBEC*2*4<br>VBECS User Documents: Clarified documents<br>Updated Table 1: New ICCBBA Blood Products, to include a modifiable indicator. | BBM Team |
| 8/16/19 | 4.0      | VBECS 2.3.1.1 Rev B (Task 1099936)<br>VBECS SharePoint Site: Section added.<br>Installation Qualification (IQ) Documentation: Updated for revised installation process that no longer requires user downtime.   | BBM Team |

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# Introduction

*VistA Blood Establishment Computer Software (VBECS) 2.3.1.1 Rev B Release Notes* contains information for changes and corrections made to VBECS Version 2.3.1 in the build 2.3.1.1 Rev B patch.

Perform a local evaluation and risk assessment of the changes to determine the requirements for local validation of the changes, including documentation of the assessment activities. See Validation Planning.

## Changed Features and Functions

This revision letter patch release is centrally focused around providing blood product updates driven by International Council for Commonality in Blood Banking Automation, Inc. (ICCBBA), and to provide solutions to customer reported issues which could be addressed with database-only updates.

### Primary Goals of the Project

1. Regulatory Compliance Updates
  - 1.1. Blood Product updates released by ICCBBA November 2018 through February 2019
  - 1.2. Blood product expiration time updates.
  - 1.3. Blood product short name updates.
2. Customer Reported Issues and Enhancements
  - 2.1. Fix known defects and requests related to the Division Workload Report.
  - 2.2. Fix known defects and requests related to Modify Units.
  - 2.3. Fix known defects and requests related to the Inappropriate Transfusion Report.
  - 2.4. Fix known defects and requests related to the Patient Search Utility.

Table 1: Updates by Option provides complete lists of the included changes.

Service Desk ticket numbers are no longer included in the release notes, as the defect tracking number processes all changes. The defect tracking number is identified in the ticket prior to closure.

## Untestable System-Level Corrected Code Requests

- When 2.3.1 Rev B is deployed to the production environment, the Microsoft Report Viewer Runtime tool is being upgraded to a newer version in preparation for the report fixes to be released in VBECS 2.3.2.

## VistA Software Dependencies

- VBEC\*2\*4 - This is an informational VistA patch.

## **VBECS User Documents**

The following is a list of all the VBECS user documents that apply to the VBECS 2.3.1 Rev B patch release of VBECS Version 2.3.1. The **Updated** column identifies the documents that have been updated with this VBECS 2.3.1 Rev B revision letter patch release.

These user documents are available from the VA Software Document Library (VDL) at

<http://www4.va.gov/vdl/>.

| <b>User Document</b>  | <b>Version</b> | <b>Updated</b> |
|---|----------------|----------------|
| <i>VistA Blood Establishment Computer Software (VBECS) 2.3.1.1 Rev B Release Notes</i>                      | 3.0            | Yes            |
| <i>VistA Blood Establishment Computer Software (VBECS) 2.3.1 User Guide</i>                                 | 2.0            | Yes            |
| <i>VistA Blood Establishment Computer Software (VBECS) 2.3.1 Administrator User Guide</i>                   | 2.0            |                |
| <i>VistA Blood Establishment Computer Software (VBECS) 2.3.1 Known Defects and Anomalies</i>                | 3.0            | Yes            |
| <i>VistA Blood Establishment Computer Software (VBECS) 2.3.1 Technical Manual-Security Guide</i>            | 1.0            |                |
| <i>VistA Blood Establishment Computer Software (VBECS) - Echo Interface Configuration and Setup Guide</i>   | 5.0            |                |
| <i>VistA Blood Establishment Computer Software (VBECS) - Erytra Interface Configuration and Setup Guide</i> | 2.0            |                |
| <i>VistA Blood Establishment Computer Software (VBECS) - ProVue Interface Configuration and Setup Guide</i> | 5.0            |                |
| <i>VistA Blood Establishment Computer Software (VBECS) - Vision Interface Configuration and Setup Guide</i> | 4.0            |                |



The following is a list of all the VBECS FAQ documents that apply to the VBECS 2.3.1 Rev B patch release of VBECS Version 2.3.1. The **Updated** column identifies the documents that have been updated with this VBECS 2.3.1 Rev B revision letter patch release (no FAQ documents were updated).

These FAQ documents are available from the VA SharePoint site at <https://dvagov.sharepoint.com/sites/oitepmovbecs/>.

| <b>FAQ Document</b>  | <b>Version</b> | <b>Updated</b> |
|--|----------------|----------------|
| <i>FAQ ABO subgroup Interpretations</i>  | 11/22/16       |                |
| <i>FAQ Ancillary VistA Validation</i>  | 11/28/17       |                |
| <i>FAQ Antibodies with No Antigen Negative Requirement</i>                         | 10/15/14       |                |
| <i>FAQ Blood Product Table Processes</i>   | 03/28/19       |                |
| <i>FAQ CAP Comprehensive Transfusions Medicine Crossmatch Survey</i>               | 11/22/16       |                |
| <i>FAQ Compound Antibodies</i>   | 02/27/13       |                |
| <i>FAQ CPRS VBECS Order Details</i>  | 04/01/09       |                |
| <i>FAQ Database Conversion Oddballs</i>  | 09/18/09       |                |
| <i>FAQ Documenting Unhandled Exceptions</i>  | 05/21/07       |                |
| <i>FAQ Handling ABO Incompatible Transfusion Situations</i>                        | 09/23/14       |                |
| <i>FAQ How to File a New Service Request for Changes to VBECS</i>                  | 12/08/16       |                |
| <i>FAQ How to take faster screen shots from Remote Desktop Session</i>             | 12/17/14       |                |
| <i>FAQ Identifying a Comparable Blood Product Code</i>                             | 03/28/19       |                |
| <i>FAQ Local Facilities FDA and FIN Registration Numbers</i>                       | 09/07/18       |                |
| <i>FAQ Modification Target Not Available</i>                                       | 11/28/17       |                |
| <i>FAQ Multidivisional QC Rack Workaround</i>                                      | 11/28/17       |                |
| <i>FAQ Order Status Clarification</i>  | 11/15/17       |                |
| <i>FAQ Outdated Units Report for a Selected Date Range</i>                         | 01/23/14       |                |
| <i>FAQ Polyspecific AHG Not Used for Testing</i>                                   | 01/29/10       |                |
| <i>FAQ Proper Use of PIV Card with VBECS</i>                                       | 12/06/17       |                |
| <i>FAQ QC Setup</i>  | 01/29/10       |                |
| <i>FAQ Retesting QC</i>  | 11/01/11       |                |
| <i>FAQ Retrieving an Expired Order</i>   | 12/07/17       |                |
| <i>FAQ The Difference Between Transfusion Only and Full Service Facility Types</i> | 02/08/10       |                |
| <i>FAQ VBECS Blood Product Hierarchy</i>   | 03/28/19       |                |
| <i>FAQ VBECS Computer Crossmatch Decision Tree</i>                                 | 02/08/12       |                |
| <i>FAQ Weak D Policy</i>   | 01/11/10       |                |

# Customer Support

## Problems?

Contact your Local Office of Information Technology (OIT) or Laboratory Information Manager (LIM) if you encounter VistA or CPRS connection problems and for training support **before** contacting the Service Desk.

- Please ensure local contact information is available at all times. ESD support will engage Infrastructure Operations (IO) personnel as needed.
- Problems with connectivity to VistA and CPRS may require personnel from IO with VBECS server administrator access and VistA IT support access.
- If you experience a Food and Drug Administration (FDA) reportable adverse event (patient death or serious injury) that VBECS may have caused or contributed to, contact the Service Desk directly to enter a ticket for Blood Bank software support.

If the problem remains unresolved after local VistA triage, call the Service Desk (below) and specify the Enterprise Application be set as VistA Blood Establishment Computer Software. This will cause the Assignment group to default to NTL Alert Blood Bank & VBECS, which alerts the Clin2 team.

## Service Desk Contact

For Information Technology (IT) support, call the Service Desk (855-NSD-HELP (855-673-4357) toll free, 24 hours per day, 7 days per week.

## References

- *ISBT128 Standard Technical Specification v 5.10.0*
- *Blood Product Revisions ICCBBA Version 7.23.0 February 27, 2019*

## VBECS SharePoint Site

The VBECS SharePoint site provides a location for additional information related to the VBECS application such as FAQs, installation status, and release history.

<https://dvagov.sharepoint.com/sites/oitepmovbecs/>.

## Installation Qualification (IQ) Documentation

The expedited patch installation process will continue with the installation of VBECS 2.3.1 Rev B.

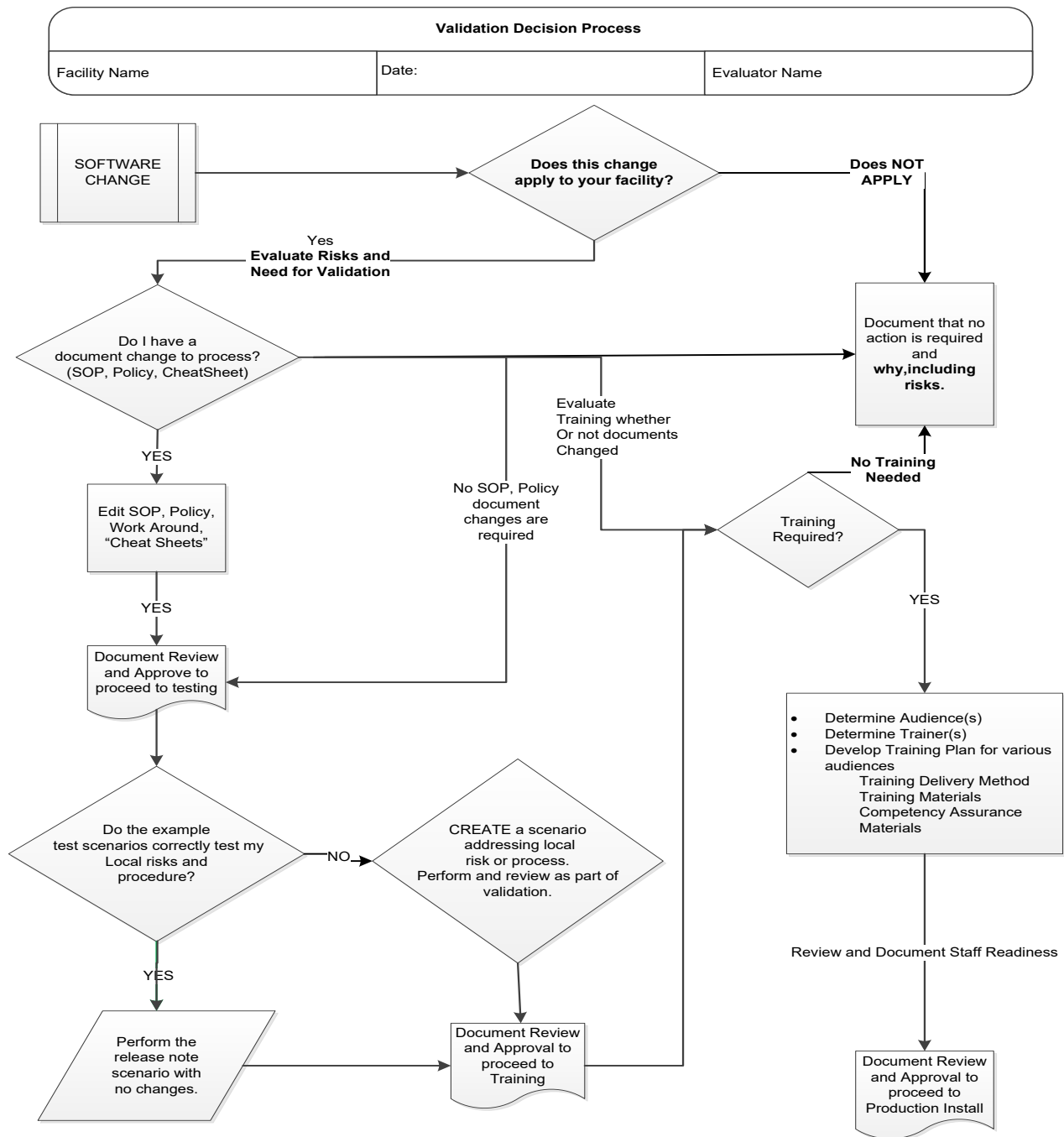
| Test Account Upgrade to VBECS 2.3.1 Revision B   |   |
|--|---|
| Required Patch Installation                      | VistA Patch: N/A,<br>Server Patch: VBECS 2.3.1 Revision B   |
| Installation Process for VBECS 2.3.1 Rev B       | Installed by the BBM team, all sites will be installed in one day. The date of installation will be communicated through a ListServ announcement. |
| Expected Downtime                                | None  |
| Installation Communication for VBECS 2.3.1 Rev B | ListServ message will be sent after all Test accounts have been installed   |

|                                   |   |
|-----------------------------------|---|
| Site Responsibility               | <ul style="list-style-type: none"> <li>Join VBECS-L message board on ListServ, if needed</li> <li>Please communicate any changes to your site supervisor and Point of Contact (POC) since the last patch install to the BBM team to the email group “VA OIT BBM Team”.</li> </ul> |
| Site Record of Patch Installation | Sites should take and save a screenshot of the VBECS Help, About window after the Test installation is performed. This displays the VBECS updated version information.  |

| <b>Production Account Upgrade to VBECS 2.3.1 Revision B</b> |  |
|---|--|
| Required Patch Installation                                 | VistA Patch: N/A,<br>Server Patch: VBECS 2.3.1 Revision B  |
| Installation Process for VBECS 2.3.1 Rev B                  | Installed by the BBM team. Production installation does not require participation from the site contacts. A small number of sites will be installed each day over several days. The schedule of installation dates will be communicated through a ListServ announcement.   |
| Expected Downtime   | You will be able to use VBECS during the patch installation. VBECS installation on your production account only lasts a few minutes and is invisible to users. If you encounter any disruption or errors while viewing or printing reports during the installation, try again after a few minutes.   |
| Installation Communication for VBECS 2.3.1 Rev B            | ListServ message will be sent after each region has been installed into Production.  |
| Site Responsibility   | <ul style="list-style-type: none"> <li>Perform local validation, training, and set-up requirements prior to Production installation.</li> <li>Join VBECS-L message board on ListServ, if needed</li> <li>Please communicate any changes to your site supervisor and Point of Contact (POC) since the last patch install to the BBM team to the email group “VA OIT BBM Team”.</li> </ul> |
| Site Record of Patch Installation                           | Sites should take and save a screenshot of the VBECS Help, About window after Production installation is performed. This displays the VBECS updated version information.   |

# Validation Planning

The following is a flowchart to help assess changes for validation planning.



**Table 2: Updates by Option**

When performing validation of updates in Test Accounts, coordinate with local IT for policies pertaining to the availability of background jobs needed to support validations. In some cases, background jobs may need to be started.

| ID | Option                          | Problem Summary   | Change Summary  | Validation Scenario  | Change applies to my facility. (Y/N) | Local risk Assessment (Low, Med, High) | SOP revision required. If yes, identify it. | Staff training needed. (Y/N) | Scenarios or validation must be performed. (Y/N) |
|----|---------------------------------|---|---|--|--------------------------------------|--|---|------------------------------|--|
| 1  | Division Workload Report 923115 | Workload status incorrectly states "In Process" when it should state "Successfully Processed" | Workload status is correctly represented on the report. | Perform any work in VBECS that generates workload. Verify that the next day the workload shows on the Division Workload Report and the status is "Successfully Processed". |                                      |  |   |                              |  |

| ID | Option                                     | Problem Summary  | Change Summary   | Validation Scenario   | Change applies to my facility. (Y/N) | Local risk Assessment (Low, Med, High) | SOP revision required. If yes, identify it. | Staff training needed. (Y/N) | Scenarios or validation must be performed. (Y/N) |
|----|--|--|--|---|--------------------------------------|--|---|------------------------------|--|
| 2  | Inappropriate Transfusion Report<br>714441 | If the patient has an inappropriate transfusion the report will duplicate this information for each lab test that was performed on the patient even if the test does not apply to transfused component class (e.g. platelet count for RBC transfusions or HGB test for platelet transfusions). | The inappropriate Transfusion Report will no longer display duplicate records. | <p>This change only affects non-surgical requests and only those need to be tested.</p> <ol style="list-style-type: none"> <li>1) Configure Inappropriate Request Indicators for at least two different component classes (e.g. RBC and PLT) under Tools -&gt; Component Classes. Good example is HGB, HCT for RBC and Platelet Count for PLT.</li> <li>2) In Vista/CPRS order tests for patients that coincide with Inappropriate Request Indicators configured above. Enter results for those tests that are above the threshold set in VBECS.</li> <li>3) Place component orders for those patients, ensure that component class ordered matches the one configured earlier (Make sure that component orders are placed together).</li> <li>4) Accept orders in VBECS and verify that you get prompted whether to include those order in the Inappropriate Transfusion Request Report. Answer Yes.</li> <li>5) Run the Inappropriate Transfusion Request Report. Verify that non-surgical request section contains component classes ordered and test results that were entered in Vista/CPRS. Verify that there are no duplicate rows in that section with empty Lab Test names.</li> </ol> |                                      |  |   |                              |  |

| ID | Option                                      | Problem Summary  | Change Summary  | Validation Scenario  | Change applies to my facility. (Y/N) | Local risk Assessment (Low, Med, High) | SOP revision required. If yes, identify it. | Staff training needed. (Y/N) | Scenarios or validation must be performed. (Y/N) |
|----|---|--|---|--|--------------------------------------|--|---|------------------------------|--|
| 3  | Modify Unit (Container Attribute)<br>906737 | Per ICCBBA, Container traceability must be maintained, prior to this revision it was not maintained. (e.g. E7646 specifically has the "1st container" attribute. That 1st container attribute needs to be carried through when the unit is modified since potentially there is a 2nd and 3rd container out there that could be going to different patients). | If the product being modified has a container attribute the target must contain the same container attribute. Not applicable to pooling.                      | Try to Thaw product E4693 and it should only present the E4717 and E5549 as targets. Thaw product E7646 and it should only present the E7750 and E5548 as targets. Thaw product E7648 and it should only present the E7751 and E5549 as targets. |                                      |  |   |                              |  |
| 4  | Blood Products<br>965705                    | Update the blood product table with new ICCBBA blood product codes November 2018 through February 2019.  | VBECS contains additional ICCBBA blood product codes for use from E9449 to E9556. For a full list of new product codes see Table 2: New ICCBBA blood products | Use Tools, Blood Products to associate the blood products with an active facility. Repeat as needed for each product code that you may receive from your supplier.   |                                      |  |   |                              |  |

| ID | Option                | Problem Summary  | Change Summary   | Validation Scenario  | Change applies to my facility. (Y/N) | Local risk Assessment (Low, Med, High) | SOP revision required. If yes, identify it. | Staff training needed. (Y/N) | Scenarios or validation must be performed. (Y/N) |
|----|-----------------------|--|--|--|--------------------------------------|--|---|------------------------------|--|
| 5  | Blood Products 986093 | Storage Time and Product Volume changes of Lyophilized, Lysate products and Liquid Pooled Plasma products.   | Product Volume change for E7284, E7286<br>Storage Time and Product Volume change for E8551, E8594 and E9291.<br>Storage Time only changes for E8852, E8853, E8854, E8855.<br>For a full list of Storage Time and Product Volume changes see Table 3: Products with updated Maximum Storage Times/Volume changes. | Use Tools, Blood Products to review each blood product's volume and maximum storage time. Repeat as needed for each product code that you may receive from your supplier.                            |                                      |  |   |                              |  |
| 6  | Blood Products 994733 | Product Short Name missing LUKOPR.   | Added LUKOPR in the Product Short Name for E8268, E8756, E8757, E8758, E8759, E8760.<br>For a full list of Product Short Name changes see Table 4: Product Short Name changes  | Use Tools, Blood Products to review each blood product's short name. Repeat as needed for each product code that you may receive from your supplier.   |                                      |  |   |                              |  |
| 7  | Patient Search 968221 | Searching for a patient using the first letter of the last name and the last four digits of the SSN, the system may present multiple patients in the result set. | VBECS correctly filters the patient search results based on the search criteria.   | Navigate to VBECS, Orders -> Recent Patient Orders. Search for a patient using the first letter of the last name and the last four digits of the SSN. Verify that only the correct patient is found. |                                      |  |   |                              |  |



**Table 3: New ICCBBA Blood Products**

| Component | Product Code | Modifiable | Product Type        | Short Name                        | Long Name  | Maximum Storage Hours |
|-----------|--------------|------------|---------------------|-----------------------------------|--|-----------------------|
| PLATELETS | E9449        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C               | Apheresis PLATELETS ACD-A>PAS-C/XX/refg                                      | 120                   |
| PLATELETS | E9450        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C LUKOPR        | Apheresis PLATELETS ACD-A>PAS-C/XX/refg ResLeu:<5E6                          | 120                   |
| PLATELETS | E9451        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C LUKOPR 1C     | Apheresis PLATELETS ACD-A>PAS-C/XX/refg ResLeu:<5E6 1st container            | 120                   |
| PLATELETS | E9452        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C LUKOPR 2C     | Apheresis PLATELETS ACD-A>PAS-C/XX/refg ResLeu:<5E6 2nd container            | 120                   |
| PLATELETS | E9453        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C LUKOPR 3C     | Apheresis PLATELETS ACD-A>PAS-C/XX/refg ResLeu:<5E6 3rd container            | 120                   |
| PLATELETS | E9454        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C IRD LUKOPR    | Apheresis PLATELETS ACD-A>PAS-C/XX/refg Irradiated ResLeu:<5E6               | 120                   |
| PLATELETS | E9455        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C IRD LUKOPR 1C | Apheresis PLATELETS ACD-A>PAS-C/XX/refg Irradiated ResLeu:<5E6 1st container | 120                   |
| PLATELETS | E9456        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C IRD LUKOPR 2C | Apheresis PLATELETS ACD-A>PAS-C/XX/refg Irradiated ResLeu:<5E6 2nd container | 120                   |
| PLATELETS | E9457        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-C IRD LUKOPR 3C | Apheresis PLATELETS ACD-A>PAS-C/XX/refg Irradiated ResLeu:<5E6 3rd container | 120                   |
| PLATELETS | E9458        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F               | Apheresis PLATELETS ACD-A>PAS-F/XX/refg                                      | 120                   |
| PLATELETS | E9459        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F LUKOPR        | Apheresis PLATELETS ACD-A>PAS-F/XX/refg ResLeu:<5E6                          | 120                   |
| PLATELETS | E9460        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F LUKOPR 1C     | Apheresis PLATELETS ACD-A>PAS-F/XX/refg ResLeu:<5E6 1st container            | 120                   |
| PLATELETS | E9461        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F LUKOPR 2C     | Apheresis PLATELETS ACD-A>PAS-F/XX/refg ResLeu:<5E6 2nd container            | 120                   |
| PLATELETS | E9462        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F LUKOPR 3C     | Apheresis PLATELETS ACD-A>PAS-F/XX/refg ResLeu:<5E6 3rd container            | 120                   |
| PLATELETS | E9463        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F IRD LUKOPR    | Apheresis PLATELETS ACD-A>PAS-F/XX/refg Irradiated ResLeu:<5E6               | 120                   |
| PLATELETS | E9464        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F IRD LUKOPR 1C | Apheresis PLATELETS ACD-A>PAS-F/XX/refg Irradiated ResLeu:<5E6 1st container | 120                   |
| PLATELETS | E9465        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F IRD LUKOPR 2C | Apheresis PLATELETS ACD-A>PAS-F/XX/refg Irradiated ResLeu:<5E6 2nd container | 120                   |

| Component | Product Code | Modifiable | Product Type        | Short Name                        | Long Name   | Maximum Storage Hours |
|-----------|--------------|------------|---------------------|-----------------------------------|---|-----------------------|
| PLATELETS | E9466        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F IRD LUKOPR 3C | Apheresis PLATELETS ACD-A>PAS-F/XX/refg Irradiated ResLeu:<5E6 3rd container              | 120                   |
| PLATELETS | E9467        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A LUKOPR              | Apheresis PLATELETS ACD-A/XX/refg ResLeu:<5E6   | 120                   |
| PLATELETS | E9468        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A LUKOPR 1C           | Apheresis PLATELETS ACD-A/XX/refg ResLeu:<5E6 1st container                               | 120                   |
| PLATELETS | E9469        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A LUKOPR 2C           | Apheresis PLATELETS ACD-A/XX/refg ResLeu:<5E6 2nd container                               | 120                   |
| PLATELETS | E9470        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A LUKOPR 3C           | Apheresis PLATELETS ACD-A/XX/refg ResLeu:<5E6 3rd container                               | 120                   |
| PLATELETS | E9471        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A LUKOPR              | Apheresis PLATELETS ACD-A/XX/refg ResLeu:<5E6 <3E11 plts                                  | 120                   |
| PLATELETS | E9472        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A IRD LUKOPR          | Apheresis PLATELETS ACD-A/XX/refg Irradiated ResLeu:<5E6 <3E11 plts                       | 120                   |
| PLATELETS | E9473        | Yes        | Apheresis PLATELETS | PLT AFR CPD Psoraln               | Apheresis PLATELETS CPD/XX/refg Psoralen-treated  | 120                   |
| PLATELETS | E9474        | Yes        | Apheresis PLATELETS | PLT AFR CPD LUKOPR 1C Psoraln     | Apheresis PLATELETS CPD/XX/refg ResLeu:<5E6 1st container Psoralen-treated                | 120                   |
| PLATELETS | E9475        | Yes        | Apheresis PLATELETS | PLT AFR CPD LUKOPR 2C Psoraln     | Apheresis PLATELETS CPD/XX/refg ResLeu:<5E6 2nd container Psoralen-treated                | 120                   |
| PLATELETS | E9476        | Yes        | Apheresis PLATELETS | PLT AFR CPD LUKOPR 3C Psoraln     | Apheresis PLATELETS CPD/XX/refg ResLeu:<5E6 3rd container Psoralen-treated                | 120                   |
| PLATELETS | E9477        | Yes        | Apheresis PLATELETS | PLT AFR CPD LUKOPR Psoraln        | Apheresis PLATELETS CPD/XX/refg ResLeu:<5E6 Psoralen-treated                              | 120                   |
| PLATELETS | E9478        | Yes        | Apheresis PLATELETS | PLT AFR CPD                       | Apheresis PLATELETS CPD/XX/refg   | 120                   |
| PLATELETS | E9479        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F LUKOPR 1C     | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C ResLeu:<5E6 1st container <3E11 plts            | 120                   |
| PLATELETS | E9480        | Yes        | Apheresis PLATELETS | PLT AFR ACD-A>PAS-F IRD LUKOPR 1C | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C Irradiated ResLeu:<5E6 1st container <3E11 plts | 120                   |
| PLATELETS | E9481        | No         | POOLED PLATELETS    | PLT Pool PAS-E                    | POOLED PLATELETS PAS-E/XX/20-24C  | 120                   |
| PLATELETS | E9482        | No         | POOLED PLATELETS    | PLT Pool PAS-E IRD                | POOLED PLATELETS PAS-E/XX/20-24C Irradiated   | 120                   |

| Component           | Product Code | Modifiable | Product Type                                     | Short Name                                | Long Name   | Maximum Storage Hours |
|---------------------|--------------|------------|--|---|---|-----------------------|
| PLATELETS           | E9483        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E LUKOPR                     | POOLED PLATELETS PAS-E/XX/20-24C ResLeu:<5E6  | 120                   |
| PLATELETS           | E9484        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E IRD LUKOPR                 | POOLED PLATELETS PAS-E/XX/20-24C Irradiated ResLeu:<5E6                                       | 120                   |
| PLATELETS           | E9485        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E OPN                        | POOLED PLATELETS PAS-E/XX/20-24C Open   | 4                     |
| PLATELETS           | E9486        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E OPN IRD                    | POOLED PLATELETS PAS-E/XX/20-24C Open Irradiated  | 4                     |
| PLATELETS           | E9487        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E OPN LUKOPR                 | POOLED PLATELETS PAS-E/XX/20-24C Open ResLeu:<5E6   | 4                     |
| PLATELETS           | E9488        | No         | POOLED PLATELETS                                 | PLT Pool PAS-E OPN IRD LUKOPR             | POOLED PLATELETS PAS-E/XX/20-24C Open Irradiated ResLeu:<5E6                                  | 4                     |
| PLATELETS           | E9489        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E LUKOPR                      | Apheresis PLATELETS PAS-E/XX/20-24C ResLeu:<5E6   | 120                   |
| PLATELETS           | E9490        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E OPN                         | Apheresis PLATELETS PAS-E/XX/20-24C Open  | 4                     |
| PLATELETS           | E9491        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E OPN IRD                     | Apheresis PLATELETS PAS-E/XX/20-24C Open Irradiated   | 4                     |
| PLATELETS           | E9492        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E OPN LUKOPR                  | Apheresis PLATELETS PAS-E/XX/20-24C Open ResLeu:<5E6  | 4                     |
| PLATELETS           | E9493        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E OPN IRD LUKOPR              | Apheresis PLATELETS PAS-E/XX/20-24C Open Irradiated ResLeu:<5E6                               | 4                     |
| FRESH FROZEN PLASMA | E9494        | Yes        | Lyophilized Apheresis POOLED FRESH FROZEN PLASMA | FFP AFR Pool Lyfo ACD-A                   | Lyophilized Apheresis POOLED FRESH FROZEN PLASMA ACD-A/XX/rt                                  | 10950                 |
| PLATELETS           | E9495        | No         | Apheresis PLATELETS                              | PLT AFR PAS-E IRD LUKOPR                  | Apheresis PLATELETS PAS-E/XX/20-24C Irradiated ResLeu:<5E6                                    | 120                   |
| PLATELETS           | E9496        | No         | POOLED PLATELETS                                 | PLT Pool CPD MNFI IRD LUKOPR              | POOLED PLATELETS CPD/XX/20-24C For mnf:injectable Irradiated ResLeu:<5E6                      | 120                   |
| PLATELETS           | E9497        | Yes        | Apheresis PLATELETS                              | PLT AFR ACD-A>PAS-F IRD LUKPPR PLS Red    | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C Irradiated ResLeu:<5E6 Plasma reduced               | 120                   |
| PLATELETS           | E9498        | Yes        | Apheresis PLATELETS                              | PLT AFR ACD-A>PAS-F IRD LUKPPR PLS Red 1C | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C Irradiated ResLeu:<5E6 Plasma reduced 1st container | 120                   |

| Component           | Product Code | Modifiable | Product Type               | Short Name                                | Long Name   | Maximum Storage Hours |
|---------------------|--------------|------------|----------------------------|---|---|-----------------------|
| PLATELETS           | E9499        | Yes        | Apheresis PLATELETS        | PLT AFR ACD-A>PAS-F IRD LUKPPR PLS Red 2C | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C Irradiated ResLeu:<5E6 Plasma reduced 2nd container | 120                   |
| PLATELETS           | E9500        | Yes        | Apheresis PLATELETS        | PLT AFR ACD-A>PAS-F IRD LUKPPR PLS Red 3C | Apheresis PLATELETS ACD-A>PAS-F/XX/20-24C Irradiated ResLeu:<5E6 Plasma reduced 3rd container | 120                   |
| RED BLOOD CELLS     | E9501        | Yes        | RED BLOOD CELLS            | RBC CP2D>AS3 LUKOPR PA                    | RED BLOOD CELLS CP2D>AS3/500mL/refg ResLeu:<5E6 Plasma added                                  | 1008                  |
| FRESH FROZEN PLASMA | E9502        | Yes        | Apheresis PLASMA           | PLASMA AFR CP2D CRYORed                   | Apheresis PLASMA CP2D/XX/<=-18C Cryo reduced  | 8760                  |
| PLATELETS           | E9503        | Yes        | Washed Apheresis PLATELETS | PLT AFR Wash PAS-C OPN                    | Washed Apheresis PLATELETS PAS-C/XX/20-24C Open   | 4                     |
| RED BLOOD CELLS     | E9504        | Yes        | RED BLOOD CELLS            | RBC CPDA-1 PA                             | RED BLOOD CELLS CPDA-1/XX/refg Plasma added   | 840                   |
| WHOLE BLOOD         | E9505        | No         | WHOLE BLOOD                | WB ACD-B                                  | WHOLE BLOOD ACD-B/300mL/refg  | 504                   |
| WHOLE BLOOD         | E9506        | No         | WHOLE BLOOD                | WB ACD-B IRD                              | WHOLE BLOOD ACD-B/300mL/refg Irradiated   | 504                   |
| WHOLE BLOOD         | E9507        | No         | WHOLE BLOOD                | WB ACD-B LUKOPR                           | WHOLE BLOOD ACD-B/300mL/refg ResLeu:<3.8E6  | 504                   |
| WHOLE BLOOD         | E9508        | No         | WHOLE BLOOD                | WB ACD-B IRD LUKOPR                       | WHOLE BLOOD ACD-B/300mL/refg Irradiated ResLeu:<3.8E6   | 504                   |
| FRESH FROZEN PLASMA | E9509        | No         | PLASMA                     | PLASMA ACD-B                              | PLASMA ACD-B/XX/<=-18C 150mL  | 8760                  |
| FRESH FROZEN PLASMA | E9510        | No         | PLASMA                     | PLASMA ACD-B Methyl Blue                  | PLASMA ACD-B/XX/<=-18C 150mL Methylene blue-treated   | 8760                  |
| FRESH FROZEN PLASMA | E9511        | No         | FRESH FROZEN PLASMA        | FFP ACD-B                                 | FRESH FROZEN PLASMA ACD-B/XX/<=-18C 150mL   | 8760                  |
| FRESH FROZEN PLASMA | E9512        | No         | FRESH FROZEN PLASMA        | FFP ACD-B Methyl Blue                     | FRESH FROZEN PLASMA ACD-B/XX/<=-18C 150mL Methylene blue-treated                              | 8760                  |

| Component       | Product Code | Modifiable | Product Type                   | Short Name                       | Long Name  | Maximum Storage Hours |
|-----------------|--------------|------------|--------------------------------|----------------------------------|--|-----------------------|
| RED BLOOD CELLS | E9513        | No         | RED BLOOD CELLS                | RBC ACD-B>MAP                    | RED BLOOD CELLS ACD-B>MAP/300mL/refg   | 1008                  |
| RED BLOOD CELLS | E9514        | No         | RED BLOOD CELLS                | RBC ACD-B>MAP IRD                | RED BLOOD CELLS ACD-B>MAP/300mL/refg Irradiated  | 672                   |
| RED BLOOD CELLS | E9515        | No         | RED BLOOD CELLS                | RBC ACD-B>MAP LUKOPR             | RED BLOOD CELLS ACD-B>MAP/300mL/refg ResLeu:<3.8E6                                     | 1008                  |
| RED BLOOD CELLS | E9516        | No         | RED BLOOD CELLS                | RBC ACD-B>MAP IRD LUKOPR         | RED BLOOD CELLS ACD-B>MAP/300mL/refg Irradiated ResLeu:<3.8E6                          | 672                   |
| RED BLOOD CELLS | E9517        | No         | Washed RED BLOOD CELLS         | RBC Wash None                    | Washed RED BLOOD CELLS None/300mL/refg   | 24                    |
| RED BLOOD CELLS | E9518        | No         | Washed RED BLOOD CELLS         | RBC Wash None IRD                | Washed RED BLOOD CELLS None/300mL/refg Irradiated                                      | 24                    |
| RED BLOOD CELLS | E9519        | No         | Deglycerolized RED BLOOD CELLS | RBC Deg None                     | Deglycerolized RED BLOOD CELLS None/300mL/refg   | 336                   |
| CRYOPRECIPITATE | E9520        | No         | CRYOPRECIPITATE                | CRYO ACD-B                       | CRYOPRECIPITATE ACD-B/300mL/<=-18C   | 8760                  |
| PLATELETS       | E9521        | No         | PLATELET-RICH PLASMA           | PLASMA PltRch CPD MNFRNI OPN IRD | PLATELET-RICH PLASMA CPD/450mL/20-24C For mnf:noninjectable restr use Open Irradiated  | 4                     |
| PLATELETS       | E9522        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI          | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable                          | 8760                  |
| PLATELETS       | E9523        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI 1C       | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable 1st container            | 8760                  |
| PLATELETS       | E9524        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI 2C       | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable 2nd container            | 8760                  |
| PLATELETS       | E9525        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI 3C       | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable 3rd container            | 8760                  |
| PLATELETS       | E9526        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI IRD      | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable Irradiated               | 8760                  |
| PLATELETS       | E9527        | No         | Frozen Apheresis PLATELETS     | PLT AFR Froz ACD-A MNFI IRD 1C   | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable Irradiated 1st container | 8760                  |

| Component           | Product Code | Modifiable | Product Type                         | Short Name                                  | Long Name  | Maximum Storage Hours |
|---------------------|--------------|------------|--------------------------------------|---|--|-----------------------|
| PLATELETS           | E9528        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A MNFI IRD 2C              | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable Irradiated 2nd container                   | 8760                  |
| PLATELETS           | E9529        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A MNFI IRD 3C              | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:injectable Irradiated 3rd container                   | 8760                  |
| FRESH FROZEN PLASMA | E9530        | Yes        | Thawed Apheresis FRESH FROZEN PLASMA | FFP AFR Thaw CP2D OPN 1C                    | Thawed Apheresis FRESH FROZEN PLASMA CP2D/XX/refg Open 1st container                                     | 24                    |
| FRESH FROZEN PLASMA | E9531        | Yes        | Thawed Apheresis FRESH FROZEN PLASMA | FFP AFR Thaw CP2D OPN 1C                    | Thawed Apheresis FRESH FROZEN PLASMA CP2D/XX/refg Open 2nd container                                     | 24                    |
| RED BLOOD CELLS     | E9532        | No         | RED BLOOD CELLS                      | RBC PAGGS-M LUKOPR O2/CO2 Red               | RED BLOOD CELLS PAGGS-M/450mL/refg ResLeu:<1E6 O2/CO2 reduced  | 1008                  |
| PLATELETS           | E9533        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI LUKOPR        | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable ResLeu:<5E6                          | 8760                  |
| PLATELETS           | E9534        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI LUKOPR 1C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable ResLeu:<5E6 1st container            | 8760                  |
| PLATELETS           | E9535        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI LUKOPR 2C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable ResLeu:<5E6 2nd container            | 8760                  |
| PLATELETS           | E9536        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI LUKOPR 3C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable ResLeu:<5E6 3rd container            | 8760                  |
| PLATELETS           | E9537        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI IRD LUKOPR    | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable Irradiated ResLeu:<5E6               | 8760                  |
| PLATELETS           | E9538        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI IRD LUKOPR 1C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable Irradiated ResLeu:<5E6 1st container | 8760                  |
| PLATELETS           | E9539        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI IRD LUKOPR 2C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable Irradiated ResLeu:<5E6 2nd container | 8760                  |
| PLATELETS           | E9540        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A>PAS-F MNFI IRD LUKOPR 3C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:injectable Irradiated ResLeu:<5E6 3rd container | 8760                  |
| PLATELETS           | E9541        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A MNFNI                    | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable   | 8760                  |
| PLATELETS           | E9542        | No         | Frozen Apheresis PLATELETS           | PLT AFR Froz ACD-A MNFNI 1C                 | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable 1st container                           | 8760                  |

| Component | Product Code | Modifiable | Product Type               | Short Name                                   | Long Name   | Maximum Storage Hours |
|-----------|--------------|------------|----------------------------|--|---|-----------------------|
| PLATELETS | E9543        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI 2C                  | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable 2nd container                              | 8760                  |
| PLATELETS | E9544        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI 3C                  | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable 3rd container                              | 8760                  |
| PLATELETS | E9545        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI IRD                 | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable Irradiated                                 | 8760                  |
| PLATELETS | E9546        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI IRD 1C              | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable Irradiated 1st container                   | 8760                  |
| PLATELETS | E9547        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI IRD 2C              | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable Irradiated 2nd container                   | 8760                  |
| PLATELETS | E9548        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A MNFNI IRD 3C              | Frozen Apheresis PLATELETS ACD-A/XX/<=-18C For mnf:noninjectable Irradiated 3rd container                   | 8760                  |
| PLATELETS | E9549        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI LUKOPR        | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable ResLeu:<5E6                          | 8760                  |
| PLATELETS | E9550        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI LUKOPR 1C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable ResLeu:<5E6 1st container            | 8760                  |
| PLATELETS | E9551        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI LUKOPR 2C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable ResLeu:<5E6 2nd container            | 8760                  |
| PLATELETS | E9552        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI LUKOPR 3C     | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable ResLeu:<5E6 3rd container            | 8760                  |
| PLATELETS | E9553        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI IRD LUKOPR    | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable Irradiated ResLeu:<5E6               | 8760                  |
| PLATELETS | E9554        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI IRD LUKOPR 1C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable Irradiated ResLeu:<5E6 1st container | 8760                  |
| PLATELETS | E9555        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI IRD LUKOPR 2C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable Irradiated ResLeu:<5E6 2nd container | 8760                  |
| PLATELETS | E9556        | No         | Frozen Apheresis PLATELETS | PLT AFR Froz ACD-A>PAS-F MNFNI IRD LUKOPR 3C | Frozen Apheresis PLATELETS ACD-A>PAS-F/XX/<=-18C For mnf:noninjectable Irradiated ResLeu:<5E6 3rd container | 8760                  |

**Table 4: Products with Updated Maximum Storage Times/Volume Changes**

| Component           | Product Code | Product Type                     | Long Name  | Maximum Storage Hours (Before) | Maximum Storage Hours (After) | Product Volume (Before) | Product Volume (After) |
|---------------------|--------------|----------------------------------|--|--------------------------------|-------------------------------|-------------------------|------------------------|
| FRESH FROZEN PLASMA | E7284        | Lyophilized FRESH FROZEN PLASMA  | Lyophilized FRESH FROZEN PLASMA CPD/XX/refg  | 8760                           | 8760                          | 1                       | 200                    |
| FRESH FROZEN PLASMA | E7286        | Lyophilized FRESH FROZEN PLASMA  | Lyophilized FRESH FROZEN PLASMA CPD/XX/rt  | 8760                           | 8760                          | 1                       | 200                    |
| PLATELETS           | E8551        | Frozen PLATELET LYSATE           | Frozen PLATELET LYSATE None/XX/<=-20C Not for tx or mnf Open ResLeu:NS Fin Con:NS Multiple wash cycles Sterile filtered From multiple donors, number not specified | 1                              | 8760                          | 1                       | 50                     |
| PLATELETS           | E8594        | Lyophilized PLATELET-RICH PLASMA | Lyophilized PLATELET-RICH PLASMA CPDA-1/200mL/20-24C For mnf:injectable  | 1                              | 10950                         | 1                       | 200                    |
| PLATELETS           | E9291        | Frozen PLATELET LYSATE           | Frozen PLATELET LYSATE NaCitrate/XX/<=-20C For mnf:injectable Open Saline added Fin Con:NS Sterile filtered  | 1                              | 8760                          | 1                       | 50                     |
| FRESH FROZEN PLASMA | E8852        | Liquid POOLED PLASMA             | Liquid POOLED PLASMA CPD/XX/refg From 2 donors   | 24                             | 624                           | 225                     | 225                    |
| FRESH FROZEN PLASMA | E8853        | Liquid POOLED PLASMA             | Liquid POOLED PLASMA CPD/XX/refg Irradiated From 2 donors  | 24                             | 624                           | 225                     | 225                    |
| FRESH FROZEN PLASMA | E8854        | Liquid POOLED PLASMA             | Liquid POOLED PLASMA CP2D/XX/refg From 2 donors  | 24                             | 624                           | 225                     | 225                    |
| FRESH FROZEN PLASMA | E8855        | Liquid POOLED PLASMA             | Liquid POOLED PLASMA CP2D/XX/refg Irradiated From 2 donors   | 24                             | 624                           | 225                     | 225                    |



**Table 5: Product Short Name Changes**

| Component                 | Product Code | Product Type               | Long Name  | Short Name (Before)                  | Short Name (After)                          |
|---------------------------|--------------|----------------------------|--|--------------------------------------|---|
| FRESH<br>FROZEN<br>PLASMA | E8268        | PLASMA                     | PLASMA CPD/450mL/<=-30C ResLeu:<1E6 Frozen <=24h Methylene blue-treated                              | PLASMA CPD Methyl Blue               | PLASMA CPD LUKOPR Methyl Blue               |
| PLATELETS                 | E8756        | Washed Apheresis PLATELETS | Washed Apheresis PLATELETS None/XX/20-24C Open Irradiated ResLeu:<5E6 Psoralen-treated               | PLT AFR Wash None OPN IRD Psoraln    | PLT AFR Wash None OPN IRD LUKOPR Psoraln    |
| PLATELETS                 | E8757        | Washed Apheresis PLATELETS | Washed Apheresis PLATELETS None/XX/20-24C Open Irradiated ResLeu:<5E6 <3E11 plts Psoralen-treated    | PLT AFR Wash None OPN IRD Psoraln    | PLT AFR Wash None OPN IRD LUKOPR Psoraln    |
| PLATELETS                 | E8758        | Washed Apheresis PLATELETS | Washed Apheresis PLATELETS None/XX/20-24C Open Irradiated ResLeu:<5E6 1st container Psoralen-treated | PLT AFR Wash None OPN IRD 1C Psoraln | PLT AFR Wash None OPN IRD LUKOPR 1C Psoraln |
| PLATELETS                 | E8759        | Washed Apheresis PLATELETS | Washed Apheresis PLATELETS None/XX/20-24C Open Irradiated ResLeu:<5E6 2nd container Psoralen-treated | PLT AFR Wash None OPN IRD 2C Psoraln | PLT AFR Wash None OPN IRD LUKOPR 2C Psoraln |
| PLATELETS                 | E8760        | Washed Apheresis PLATELETS | Washed Apheresis PLATELETS None/XX/20-24C Open Irradiated ResLeu:<5E6 3rd container Psoralen-treated | PLT AFR Wash None OPN IRD 3C Psoraln | PLT AFR Wash None OPN IRD LUKOPR 3C Psoraln |

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