

# VistA Blood Establishment Computer Software (VBECS) 2.3.2 Rev E

Release Notes Version 1.0

Department of Veterans Affairs Enterprise Project Management Office This page intentionally left blank.

# **Revision History**

Date	Revision	Description	Author
		VBECS 2.3.2 Rev E	
05/11/20	1.0	Initial version	BBM Team

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## Introduction

VistA Blood Establishment Computer Software (VBECS) 2.3.2 Rev E Release Notes contains information for changes and corrections made to VBECS in the 2.3.2 Rev E 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 additional blood product updates released from International Council for Commonality in Blood Banking Automation, Inc. (ICCBBA) for the treatment of COVID-19. All blood products contained in ICCBBA releases 7.35.5, 7.36.0, and 7.36.1 are included.

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

For a full list of new product codes see tables 2, 3 and 4.

## Untestable System-Level Corrected Code Requests

• None

## VistA Software Dependencies

• No VistA patch is required for this blood product-only release.

### **VBECS User Documents**

The following is a list of all the VBECS user documents that apply to the VBECS 2.3.2 Rev E patch release. The **Updated** column identifies the documents that have been updated with this VBECS 2.3.2 Rev E revision letter patch release.

These user documents are available from the VA Software Document Library (VDL) at <a href="https://www.va.gov/vdl/application.asp?appid=182">https://www.va.gov/vdl/application.asp?appid=182</a>.

User Document	Version	Updated
VistA Blood Establishment Computer Software (VBECS) 2.3.2 User Guide	4.0	No
VistA Blood Establishment Computer Software (VBECS) 2.3.2 Administrator User Guide	3.0	No
VistA Blood Establishment Computer Software (VBECS) 2.3.2 Known Defects and Anomalies	3.0	No
VistA Blood Establishment Computer Software (VBECS) 2.3.2 Technical Manual- Security Guide	1.0	No
VistA Blood Establishment Computer Software (VBECS) - Echo Interface Configuration and Setup Guide	5.0	No
VistA Blood Establishment Computer Software (VBECS) - Erytra Interface Configuration and Setup Guide	2.0	No
VistA Blood Establishment Computer Software (VBECS) - ProVue Interface Configuration and Setup Guide	5.0	No
VistA Blood Establishment Computer Software (VBECS) - Vision Interface Configuration and Setup Guide	4.0	No

The following is a list of all the VBECS FAQ documents that apply to the VBECS 2.3.2 Rev E patch release. The **Updated** column identifies the documents that have been updated with this VBECS 2.3.2 Rev E revision letter patch release.

These FAQ documents are available from the VA SharePoint site at REDACTED.

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

## **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 <u>before</u> contacting the Service Desk (SD).

- Please ensure local contact information is available at all times. SD support will engage Enterprise Operations (EO) personnel as needed.
- Problems with connectivity to VistA and CPRS may require personnel from EO with VBECS server administrator access and VistA IT support access.
- If you experience a Food and Drug Administratin (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 7.36.1, May 6<sup>th</sup> 2020

#### **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.

REDACTED.

# Installation Qualification (IQ) Documentation

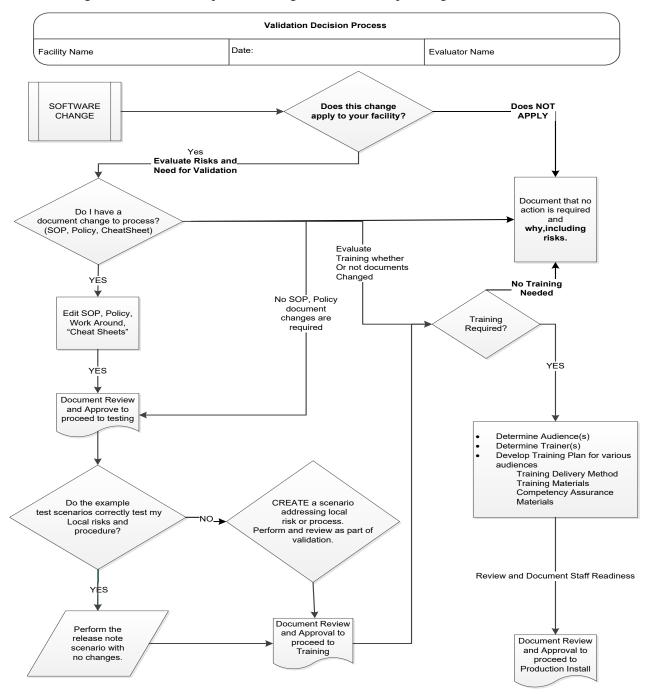
The expedited patch installation process will continue with the installation of VBECS 2.3.2 Rev E.

	Test Account Upgrade to VBECS 2.3.2 Revision E					
Required Patch Installation	VistA Patch: N/A Server Patch: VBECS 2.3.2 Revision E					
Installation Process for VBECS 2.3.2 Rev E  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 2.3.2 Rev E	The planned completion time for all test installs will be provided on the VBECS SharePoint site.					
Site Responsibility	<ul> <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.					

	Production Account Upgrade to VBECS 2.3.2 Revision E
Required Patch Installation	VistA Patch: N/A Server Patch: VBECS 2.3.2 Revision E
Installation Process for VBECS 2.3.2 Rev E	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	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 2.3.2 Rev E	The status of production installs will be provided on the VBECS SharePoint site.
Site Responsibility	<ul> <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 1: Updates by Option** 

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.
1	Blood Products	Update blood product table with new ICCBBA blood product codes from version 7.35.5, 7.36.0, and 7.36.1 with a primary flows on the	New blood products were added to VBECS. For a full list of new product codes for COVID-19 treatment, see <b>Table 2</b> .	Validate only blood products that you may receive from your supplier. Use Tools, Blood Products to associate the blood products with an active facility.					
		convalescent plasma products used for treatment of COVID-19.	For all other blood products added by ICCBBA that are not related to COVID-19 treatment see <b>Table 3</b> .						
			For possible modifications using the new blood products see <b>Table 4</b> .						

**Table 2: New Blood Products for COVID-19 Treatment** 

Component	Product Code	Modifiable	Product Type	Long Name	Short Name	Maximum Storage Hours
Component FRESH FROZEN	Code	Modifiable	Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMAIACD-A/XX/<=-	PLASMA AFR Conv ACD-A	Hours
PLASMA	E9812	Yes	PLASMA	25C Methylene blue-treated COVID-19	Methyl Blue COVID-19	8760
FRESH FROZEN	E9012	res	Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMAIACD-	PLASMA Conv AFR Thaw ACD-A	0700
	E0042	V				100
PLASMA	E9813	Yes	CONVALESCENT PLASMA	A/XX/refg Methylene blue-treated COVID-19	Methyl Blue COVID-19	120
FRESH FROZEN	E0044		Thawed CONVALESCENT	Thawed CONVALESCENT	PLASMA Conv Thaw CPD IRD	400
PLASMA	E9814	Yes	PLASMA	PLASMA CPD/XX/refg Irradiated COVID-19	COVID-19	120
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A IRD	
PLASMA	E9815	Yes	PLASMA	18C Irradiated 1st container COVID-19	1C COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A IRD	
PLASMA	E9816	Yes	PLASMA	18C Irradiated 2nd container COVID-19	2C COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A IRD	
PLASMA	E9817	Yes	PLASMA	18C Irradiated 3rd container COVID-19	3C COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A IRD	
PLASMA	E9818	Yes	PLASMA	18C Irradiated 4th container COVID-19	4C COVID-19	8760
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMA ACD-	PLASMA Conv AFR Thaw ACD-A	
PLASMA	E9819	Yes	CONVALESCENT PLASMA	A/XX/refg Irradiated 1st container COVID-19	IRD 1C COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMA ACD-	PLASMA Conv AFR Thaw ACD-A	
PLASMA	E9820	Yes	CONVALESCENT PLASMA	A/XX/refg Irradiated 2nd container COVID-19	IRD 2C COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMAIACD-	PLASMA Conv AFR Thaw ACD-A	
PLASMA	E9821	Yes	CONVALESCENT PLASMA	A/XX/refg Irradiated 3rd container COVID-19	IRD 3C COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMAIACD-	PLASMA Conv AFR Thaw ACD-A	
PLASMA	E9822	Yes	CONVALESCENT PLASMA	A/XX/refg Irradiated 4th container COVID-19	IRD 4C COVID-19	120
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-18C 5th	PLASMA AFR Conv ACD-A 5C	
PLASMA	E9823	Yes	PLASMA	container COVID-19	COVID-19	8760
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMAIACD-	PLASMA Conv AFR Thaw ACD-A	0.00
PLASMA	E9824	Yes	CONVALESCENT PLASMA	A/XX/refg 5th container COVID-19	5C COVID-19	120
FRESH FROZEN	20021	100	CONTACE COENT   EXCOUNT	CONVALESCENT PLASMA CPD/450mL/<=-25C Methylene	PLASMA Conv CPD Methyl Blue	120
PLASMA	E9825	Yes	CONVALESCENT PLASMA	blue-treated COVID-19	COVID-19	8760
FRESH FROZEN	L0020	100	Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-	PLASMA AFR Conv NaCit Ribo	0700
PLASMA	E9826	Yes	PLASMA	18C Riboflavin-treated COVID-19	COVID-19	8760
FRESH FROZEN	L3020	103	Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-	PLASMA AFR Conv NaCit Psoraln	0700
PLASMA	E9827	Yes	PLASMA	18C Psoralen-treated COVID-19	COVID-19	8760
FRESH FROZEN	L9021	163	I LAOWA	IMMUNE PLASMA CPD/XX/<=-25C For mnf:injectable SARS-	PLASMA Imm CPD MNFI SARS-	0700
PLASMA	E9841	No	IMMUNE PLASMA	CoV-2	CoV-2	8760
FRESH FROZEN	E9041	NO	IIVIIVIONE PLASIVIA	Apheresis IMMUNE PLASMA CPD/XX/<=-25C For	PLASMA AFR Imm CPD MNFI	8700
PLASMA	E9842	No	Apheresis IMMUNE PLASMA	mnf:injectable SARS-CoV-2	SARS-CoV-2	8760
	E904Z	INO				0700
FRESH FROZEN	E0046	Vaa	Thawed Apheresis	Thawed Apheresis CONVALESCENT	PLASMA Conv AFR Thaw NS	100
PLASMA	E9846	Yes	CONVALESCENT PLASMA	PLASMA NS/XX/refg Psoralen-treated COVID-19	Psoraln COVID-19	120
FRESH FROZEN	F00.47	.,	0011/41 5005117 51 4 3 1 1	CONVALESCENT PLASMA CPD/XX/<=-18C Methylene blue-	PLASMA Conv CPD Methyl Blue	0700
PLASMA	E9847	Yes	CONVALESCENT PLASMA	treated COVID-19	COVID-19	8760
FRESH FROZEN				CONVALESCENT PLASMA CPD/XX/<=-25C Methylene blue-	PLASMA Conv CPD Methyl Blue	
PLASMA	E9848	Yes	CONVALESCENT PLASMA	treated COVID-19	COVID-19	8760

Component	Product Code	Modifiable	Product Type	Long Name	Short Name	Maximum Storage Hours
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-	PLASMA AFR Conv NaCit Methyl	
PLASMA	E9849	Yes	PLASMA	25C Methylene blue-treated COVID-19	Blue COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-	PLASMA AFR Conv NaCit Ribo	
PLASMA	E9850	Yes	PLASMA	25C Riboflavin-treated COVID-19	COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-	PLASMA AFR Conv NaCit Psoraln	
PLASMA	E9851	Yes	PLASMA	25C Psoralen-treated COVID-19	COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A	
PLASMA	E9852	Yes	PLASMA	25C Psoralen-treated COVID-19	Psoraln COVID-19	8760
FRESH FROZEN			Apheresis CONVALESCENT	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-	PLASMA AFR Conv ACD-A Ribo	
PLASMA	E9853	Yes	PLASMA	25C Riboflavin-treated COVID-19	COVID-19	8760
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT	PLASMA Conv AFR Thaw NS	
PLASMA	E9854	Yes	CONVALESCENT PLASMA	PLASMA NS/XX/refg Methylene blue-treated COVID-19	Methyl Blue COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT	PLASMA Conv AFR Thaw NS	
PLASMA	E9855	Yes	CONVALESCENT PLASMA	PLASMA NS/XX/refg Riboflavin-treated COVID-19	Ribo COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT PLASMA ACD-	PLASMA Conv AFR Thaw ACD-A	
PLASMA	E9856	Yes	CONVALESCENT PLASMA	A/XX/refg Riboflavin-treated COVID-19	Ribo COVID-19	120
FRESH FROZEN			Thawed CONVALESCENT	Thawed CONVALESCENT PLASMA CPDA-1/XX/refg Psoralen-	PLASMA Conv Thaw CPDA-1	
PLASMA	E9857	Yes	PLASMA	treated COVID-19	Psoraln COVID-19	120
FRESH FROZEN			Thawed CONVALESCENT	Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene	PLASMA Conv Thaw CPD Methyl	
PLASMA	E9858	Yes	PLASMA	blue-treated COVID-19	Blue COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT	PLASMA Conv AFR Thaw NaCit	
PLASMA	E9859	Yes	CONVALESCENT PLASMA	PLASMA NaCitrate/XX/refg Riboflavin-treated COVID-19	Ribo COVID-19	120
FRESH FROZEN			Thawed Apheresis	Thawed Apheresis CONVALESCENT	PLASMA Conv AFR Thaw NaCit	
PLASMA	E9860	Yes	CONVALESCENT PLASMA	PLASMA NaCitrate/XX/refg Psoralen-treated COVID-19	Psoraln COVID-19	120
FRESH FROZEN			Thawed CONVALESCENT	Thawed CONVALESCENT PLASMA CPD/XX/refg Riboflavin-	PLASMA Conv Thaw CPD Ribo	
PLASMA	E9861	Yes	PLASMA	treated COVID-19	COVID-19	120
FRESH FROZEN				Apheresis IMMUNE PLASMA ACD-A/XX/<=-18C For	PLASMA AFR Imm ACD-A MNFI	
PLASMA	E9862	No	Apheresis IMMUNE PLASMA	mnf:injectable SARS-CoV-2	SARS-CoV-2	8760
FRESH FROZEN				Apheresis IMMUNE PLASMA ACD-A/XX/<=-18C For	PLASMA AFR Imm ACD-A MNFI	
PLASMA	E9863	No	Apheresis IMMUNE PLASMA	mnf:injectable 1st container SARS-CoV-2	1C SARS-CoV-2	8760
FRESH FROZEN				Apheresis IMMUNE PLASMA ACD-A/XX/<=-18C For	PLASMA AFR Imm ACD-A MNFI	
PLASMA	E9864	No	Apheresis IMMUNE PLASMA	mnf:injectable 2nd container SARS-CoV-2	2C SARS-CoV-2	8760
FRESH FROZEN				Apheresis IMMUNE PLASMA ACD-A/XX/<=-18C For	PLASMA AFR Imm ACD-A MNFI	
PLASMA	E9865	No	Apheresis IMMUNE PLASMA	mnf:injectable 3rd container SARS-CoV-2	3C SARS-CoV-2	8760

Table 3: Other Blood Products not related to COVID-19 treatment

Component	Product Code	Modifiable	Product Type	Long Name	Short Name	Maximum Storage Hours
RED BLOOD	-0040	Modifiable	1 Toddot Type	RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat	Onort Nume	Hours
CELLS	E9828	Yes	RED BLOOD CELLS	rem/Plasma added	RBC CPD>AS5 LUKOPR SR/PA	1008
				RED BLOOD		1000
RED BLOOD				CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat		
CELLS	E9829	Yes	RED BLOOD CELLS	rem/Plasma added	RBC CPD>AS5 IRD LUKOPR SR/PA	672
RED BLOOD			Apheresis RED	Apheresis RED BLOOD		
CELLS	E9830	Yes	BLOOD CELLS	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma added	RBC AFR CP2D>AS3 LUKOPR SR/PA	1008
				Apheresis RED BLOOD		
RED BLOOD			Apheresis RED	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		
CELLS	E9831	Yes	BLOOD CELLS	added 1st container	RBC AFR CP2D>AS3 LUKOPR SR/PA 1C	1008
				Apheresis RED BLOOD		
RED BLOOD			Apheresis RED	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		
CELLS	E9832	Yes	BLOOD CELLS	added 2nd container	RBC AFR CP2D>AS3 LUKOPR SR/PA 2C	1008
				Apheresis RED BLOOD		
RED BLOOD			Apheresis RED	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat	RBC AFR CP2D>AS3 IRD LUKOPR	
CELLS	E9833	Yes	BLOOD CELLS	rem/Plasma added	SR/PA	672
				Apheresis RED BLOOD		
RED BLOOD			Apheresis RED	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat	RBC AFR CP2D>AS3 IRD LUKOPR	
CELLS	E9834	Yes	BLOOD CELLS	rem/Plasma added 1st container	SR/PA 1C	672
				Apheresis RED BLOOD		
RED BLOOD			Apheresis RED	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat	RBC AFR CP2D>AS3 IRD LUKOPR	
CELLS	E9835	Yes	BLOOD CELLS	rem/Plasma added 2nd container	SR/PA 2C	672
			Apheresis	Apheresis PLATELETS ACD-A/XX/20-	PLT AFR ACD-A OPN LUKOPR PLS	
PLATELETS	E9836	Yes	PLATELETS	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	Red/SAL Add 1C	4
			Apheresis	Apheresis PLATELETS ACD-A/XX/20-	PLT AFR ACD-A OPN LUKOPR PLS	
PLATELETS	E9837	Yes	PLATELETS	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	Red/SAL Add 2C	4
			Apheresis	Apheresis PLATELETS ACD-A/XX/20-	PLT AFR ACD-A OPN LUKOPR PLS	
PLATELETS	E9838	Yes	PLATELETS	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	Red/SAL Add 3C	4
			Apheresis	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 4th		
PLATELETS	E9839	Yes	PLATELETS	container Bacterial test D5	PLT AFR ACD-A LUKOPR 4C BacTest D5	24
			Apheresis	Apheresis PLATELETS ACD-A/XX/20-	PLT AFR ACD-A IRD LUKOPR 4C	
PLATELETS	E9840	Yes	PLATELETS	24C Irradiated ResLeu:<5E6 4th container Bacterial test D5	BacTest D5	24
			POOLED			
OTHER	E9843	Yes	LEUKOCYTES	POOLED LEUKOCYTES CPD/XX/20-24C	LEUK Pool CPD	24
FRESH						
FROZEN			Lyophilized FRESH			
PLASMA	E9844	Yes	FROZEN PLASMA	Lyophilized FRESH FROZEN PLASMA CPDA-1/XX/refg	FFP Lyfo CPDA-1	8760
FRESH						
FROZEN			Lyophilized FRESH			
PLASMA	E9845	Yes	FROZEN PLASMA	Lyophilized FRESH FROZEN PLASMA CPDA-1/XX/rt	FFP Lyfo CPDA-1	8760

**Table 4: Possible Modifications Using Newly Added Products** 

		Source		Target	
Modification	Method	Product Code	Source Product Name	Product Code	Target Product Name
Woullication	Wethou	Coue	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-40C Methylene	Code	Thawed Apheresis CONVALESCENT PLASMA ACD-
Thaw	CLOSED	E9741	blue-treated COVID-19	E9813	A/XX/refg Methylene blue-treated COVID-19
			Apheresis CONVALESCENT PLASMA NS/XX/<=-25C Methylene		Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Methylene
Thaw	CLOSED	E9744	blue-treated COVID-19	E9854	blue-treated COVID-19
Thaw	CLOSED	E9745	Apheresis CONVALESCENT PLASMA NS/XX/<=-25C Psoralentreated COVID-19	E9846	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Psoralentreated COVID-19
Thaw	CLOSED	E9746	Apheresis CONVALESCENT PLASMA NS/XX/<=-25C Riboflavin-treated COVID-19	E9855	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Riboflavin-treated COVID-19
Thaw	CLOSED	E9767	Apheresis CONVALESCENT PLASMA NS/XX/<=-18C Methylene blue-treated COVID-19	E9854	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Methylene blue-treated COVID-19
Thaw	CLOSED	E9768	Apheresis CONVALESCENT PLASMA NS/XX/<=-18C Psoralentreated COVID-19	E9846	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Psoralentreated COVID-19
Thaw	CLOSED	E9769	Apheresis CONVALESCENT PLASMA NS/XX/<=-18C Riboflavin-treated COVID-19	E9855	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Riboflavin-treated COVID-19
Thaw	CLOSED	E9770	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-18C Methylene blue-treated COVID-19	E9813	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg Methylene blue-treated COVID-19
Thaw	CLOSED	E9772	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-18C Riboflavin-treated COVID-19	E9856	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Riboflavin-treated COVID-19
Thaw	CLOSED	E9801	CONVALESCENT PLASMA CPD/XX/<=-18C Irradiated COVID-19	E9814	Thawed CONVALESCENT PLASMA CPD/XX/refg Irradiated COVID-19
Thaw	CLOSED	E9805	CONVALESCENT PLASMA CPDA-1/XX/<=-18C Psoralentreated COVID-19	E9857	Thawed CONVALESCENT PLASMA CPDA-1/XX/refg Psoralen- treated COVID-19
Thaw	CLOSED	E9812	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-25C Methylene blue-treated COVID-19	E9813	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Methylene blue-treated COVID-19
Thaw	CLOSED	E9815	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=- 18C Irradiated 1st container COVID-19	E9819	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Irradiated 1st container COVID-19
Thaw	CLOSED	E9816	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=- 18C Irradiated 2nd container COVID-19	E9820	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Irradiated 2nd container COVID-19
Thaw	CLOSED	E9817	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=- 18C Irradiated 3rd container COVID-19	E9821	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Irradiated 3rd container COVID-19
Thaw	CLOSED	E9818	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=- 18C Irradiated 4th container COVID-19	E9822	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Irradiated 4th container COVID-19
Thaw	CLOSED	E9823	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-18C 5th container COVID-19	E9824	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 5th container COVID-19
Thaw	CLOSED	E9825	CONVALESCENT PLASMA CPD/450mL/<=-25C Methylene blue-treated COVID-19	E9858	Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene blue-treated COVID-19
Thaw	CLOSED	E9826	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=- 18C Riboflavin-treated COVID-19	E9859	Thawed Apheresis CONVALESCENT PLASMA NaCitrate/XX/refg Riboflavin-treated COVID-19
Thaw	CLOSED	E9827	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=- 18C Psoralen-treated COVID-19	E9860	Thawed Apheresis CONVALESCENT PLASMA NaCitrate/XX/refg Psoralen-treated COVID-19
Thaw	CLOSED	E9847	CONVALESCENT PLASMA CPD/XX/<=-18C Methylene blue- treated COVID-19	E9858	Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene blue-treated COVID-19
Thaw	CLOSED	E9848	CONVALESCENT PLASMA CPD/XX/<=-25C Methylene blue- treated COVID-19	E9858	Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene blue- treated COVID-19

		Source Product		Target Product	
Modification	Method	Code	Source Product Name	Code	Target Product Name
		2000	Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-		Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Methylene
Thaw	CLOSED	E9849	25C Methylene blue-treated COVID-19	E9854	blue-treated COVID-19
			Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-		Thawed Apheresis CONVALESCENT
Thaw	CLOSED	E9850	25C Riboflavin-treated COVID-19	E9859	PLASMA NaCitrate/XX/refg Riboflavin-treated COVID-19
			Apheresis CONVALESCENT PLASMA NaCitrate/XX/<=-		Thawed Apheresis CONVALESCENT
Thaw	CLOSED	E9851	25C Psoralen-treated COVID-19 Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-25C Psoralen-	E9860	PLASMA NaCitrate/XX/refg Psoralen-treated COVID-19
Thaw	CLOSED	E9852	treated COVID-19	E9788	Thawed Apheresis CONVALESCENT PLASMA ACD- A/XX/refg Psoralen-treated COVID-19
IIIaw	CLUSED	E9032	Apheresis CONVALESCENT PLASMA ACD-A/XX/<=-25C Riboflavin-	E9700	Thawed Apheresis CONVALESCENT PLASMAIACD-
Thaw	CLOSED	E9853	treated/COVID-19	E9856	A/XX/refg Riboflavin-treated COVID-19
man	OLGGLD	20000	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 1st	20000	Thawed Apheresis CONVALESCENT PLASMAIACD-
Irradiate	CLOSED	E9762	container COVID-19	E9819	A/XX/refg Irradiated 1st container COVID-19
			Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 2nd		Thawed Apheresis CONVALESCENT PLASMA ACD-
Irradiate	CLOSED	E9763	container COVID-19	E9820	A/XX/refg Irradiated 2nd container COVID-19
			Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 3rd		Thawed Apheresis CONVALESCENT PLASMA ACD-
Irradiate	CLOSED	E9764	container COVID-19	E9821	A/XX/refg Irradiated 3rd container COVID-19
loor all at a	01.0055	E070E	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 4th	F0000	Thawed Apheresis CONVALESCENT PLASMA ACD-
Irradiate	CLOSED	E9765	container COVID-19	E9822	A/XX/refg Irradiated 4th container COVID-19
Irradiate	CLOSED	E9780	Thawed CONVALESCENT PLASMA CPD/XX/refg COVID-19	E9814	Thawed CONVALESCENT PLASMA CPD/XX/refg Irradiated COVID-19
					RED BLOOD
			RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat		CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat
Irradiate	CLOSED	E9828	rem/Plasma added	E9829	rem/Plasma added
			Apheresis RED BLOOD		Apheresis RED BLOOD CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Irradiate	CLOSED	E9830	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma added	E9833	rem/Plasma added
madiate	CLOSED	L3030	Apheresis RED BLOOD	L9033	Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Irradiate	CLOSED	E9831	added 1st container	E9834	rem/Plasma added 1st container
			Apheresis RED BLOOD		Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Irradiate	CLOSED	E9832	added 2nd container	E9835	rem/Plasma added 2nd container
luus di sta	CL OCED	E0020	Apheresis PLATELETS ACD-A/XX/20-	F2002	Apheresis PLATELETS ACD-A/XX/20-
Irradiate	CLOSED	E9836	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	E2993	24C Open Irradiated ResLeu:<5E6 1st container Apheresis PLATELETS ACD-A/XX/20-
			Apheresis PLATELETSIACD-A/XX/20-		24C Open Irradiated ResLeu:<5E6 Plasma reduced/Saline added 1st
Irradiate	CLOSED	E9836	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	E8046	container
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-
Irradiate	CLOSED	E9837	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	E2994	24C Open Irradiated ResLeu:<5E6 2nd container
					Apheresis PLATELETS ACD-A/XX/20-
			Apheresis PLATELETS ACD-A/XX/20-		24C Open Irradiated ResLeu:<5E6 Plasma reduced/Saline added 2nd
Irradiate	CLOSED	E9837	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	E8048	container
Inn a di a 4 a	01 0055	F0000	Apheresis PLATELETS ACD-A/XX/20-	E000E	Apheresis PLATELETS ACD-A/XX/20-
Irradiate	CLOSED	E9838	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	E2995	24C Open Irradiated ResLeu:<5E6 3rd container

	Method	Product			
	Metrioa	Code	Source Product Name	Product Code	Target Product Name
Irradiate C		Code	Source Floudct Name	Code	Apheresis PLATELETS ACD-A/XX/20-
Irradiate C			Apheresis PLATELETS ACD-A/XX/20-		24C Open Irradiated ResLeu:<5E6 Plasma reduced/Saline added 3rd
	CLOSED	E9838	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	E8050	container
	CLOCLD	20000	Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 4th	20000	Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 4th
Irradiate C	CLOSED	E9839	container Bacterial test D5	E9840	container Bacterial test D5
					RED BLOOD
			RED BLOOD CELLS CPD>AS5/500mL/refg Irradiated Supernat		CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat
Leukoreduce C	CLOSED	E0423	rem/Plasma added	E9829	rem/Plasma added
			RED BLOOD CELLS CPD>AS5/500mL/refg Supernat rem/Plasma		RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat
Leukoreduce C	CLOSED	E0428	added	E9828	rem/Plasma added
					Apheresis RED BLOOD
			Apheresis RED BLOOD		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Leukoreduce C	CLOSED	E0673	CELLS CP2D>AS3/XX/refg Irradiated Supernat rem/Plasma added	E9833	rem/Plasma added
			Apheresis RED BLOOD		Apheresis RED BLOOD
	0.00=5		CELLS CP2D>AS3/XX/refg Irradiated Supernat rem/Plasma	====	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Leukoreduce C	CLOSED	E0674	added 1st container	E9834	rem/Plasma added 1st container
			Apheresis RED BLOOD		Apheresis RED BLOOD
Laukaraduaa	CLOSED	E0675	CELLS CP2D>AS3/XX/refg Irradiated Supernat rem/Plasma added 2nd container	E9835	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Leukoreduce C	CLUSED	E00/3	Apheresis RED BLOOD CELLS CP2D>AS3/XX/refg Supernat	E9033	rem/Plasma added 2nd container  Apheresis RED BLOOD
Leukoreduce C	CLOSED	E0690	rem/Plasma added	E9830	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma added
Leukoreduce C	CLOSED	L0090	Tem/Flasma added	L9030	Apheresis RED BLOOD
			Apheresis RED BLOOD CELLS CP2D>AS3/XX/refg Supernat		CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma
Leukoreduce C	CLOSED	E0691	rem/Plasma added 1st container	E9831	added 1st container
	020022		Tony Tuestic Survey For Software		Apheresis RED BLOOD
			Apheresis RED BLOOD CELLS CP2D>AS3/XX/refg Supernat		CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma
Leukoreduce C	CLOSED	E0692	rem/Plasma added 2nd container	E9832	added 2nd container
			Thawed Apheresis CONVALESCENT PLASMA ACD-		Thawed Apheresis CONVALESCENT PLASMA ACD-
Split/Divide C	CLOSED	E9813	A/XX/refg Methylene blue-treated COVID-19	E9813	A/XX/refg Methylene blue-treated COVID-19
			Thawed CONVALESCENT PLASMA CPD/XX/refg Irradiated COVID-		
Split/Divide C	CLOSED	E9814	19	E9814	Thawed CONVALESCENT PLASMA CPD/XX/refg Irradiated COVID-19
			Thawed Apheresis CONVALESCENT PLASMA ACD-		Thawed Apheresis CONVALESCENT PLASMA ACD-
Split/Divide C	CLOSED	E9819	A/XX/refg Irradiated 1st container COVID-19	E9819	A/XX/refg Irradiated 1st container COVID-19
0 111/101 11	01 0055	F0000	Thawed Apheresis CONVALESCENT PLASMA ACD-	F0000	Thawed Apheresis CONVALESCENT PLASMA ACD-
Split/Divide C	CLOSED	E9820	A/XX/refg Irradiated 2nd container COVID-19	E9820	A/XX/refg  rradiated  2nd container  COVID-19
Calit/Divide C	CLOSED	E9821	Thawed Apheresis CONVALESCENT PLASMA ACD-	E9821	Thawed Apheresis CONVALESCENT PLASMA ACD-
Split/Divide C	CLUSED	E9021	A/XX/refg Irradiated 3rd container COVID-19 Thawed Apheresis CONVALESCENT PLASMA ACD-	E9021	A/XX/refg Irradiated 3rd container COVID-19  Thawed Apheresis CONVALESCENT PLASMAIACD-
Split/Divide C	CLOSED	E9822	A/XX/refg Irradiated 4th container COVID-19	E9822	A/XX/refg Irradiated 4th container COVID-19
Spirit/Divide C	CLUSED	L902Z	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 5th	L9022	Thawed Apheresis CONVALESCENT PLASMA ACD-A/XX/refg 5th
Split/Divide C	CLOSED	E9824	container COVID-19	E9824	container COVID-19
Opin/Divide C	OLOGED	L3024	RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat	L3024	RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat
Split/Divide C	CLOSED	E9828	rem/Plasma added	E9828	rem/Plasma added

		Source Product		Target Product	
Modification	Method	Code	Source Product Name	Code	Target Product Name
oumoution	mounou	0000	RED BLOOD	0000	RED BLOOD
			CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat		CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat
Split/Divide	CLOSED	E9829	rem/Plasma added	E9829	rem/Plasma added
Opina Bivido	OLOGED	20020	Apheresis RED BLOOD	20020	Apheresis RED BLOOD
Split/Divide	CLOSED	E9830	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma added	E9830	CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma added
Opina Bivido	OLOGED	20000	Apheresis RED BLOOD	20000	Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma
Split/Divide	CLOSED	E9831	addedl1st container	E9831	added 1st container
Opine Bivido	OLGGLD	20001	Apheresis RED BLOOD	20001	Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma		CELLS CP2D>AS3/XX/refg ResLeu:NS Supernat rem/Plasma
Split/Divide	CLOSED	E9832	added 2nd container	E9832	addedl2nd container
Opine Bivido	OLGGLD	20002	Apheresis RED BLOOD	20002	Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Split/Divide	CLOSED	E9833	rem/Plasma added	E9833	rem/Plasma added
90.02	020022		Apheresis RED BLOOD		Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Split/Divide	CLOSED	E9834	rem/Plasma added/1st container	E9834	rem/Plasma added 1st container
			Apheresis RED BLOOD		Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat		CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat
Split/Divide	CLOSED	E9835	rem/Plasma added 2nd container	E9835	rem/Plasma added 2nd container
90.02	020022		Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	CLOSED	E9836	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	E9836	reduced/Saline added/1st container
90.02	020022		Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	CLOSED	E9837	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	E9837	reduced/Saline added/2nd container
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	CLOSED	E9838	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	E9838	reduced/Saline added/3rd container
			Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 4th		Apheresis PLATELETS ACD-A/XX/20-24C ResLeu:<5E6 4th
Split/Divide	CLOSED	E9839	container Bacterial test D5	E9839	container Bacterial test D5
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Irradiated ResLeu:<5E6 4th
Split/Divide	CLOSED	E9840	24C Irradiated ResLeu:<5E6 4th container Bacterial test D5	E9840	containerlBacterial test D5
· ·		500.40	· · · · · · · · · · · · · · · · · · ·	<b>50010</b>	DOOLED LEUKOOVEEOLODD WAYOO OLO
Split/Divide	CLOSED	E9843	POOLED LEUKOCYTES CPD/XX/20-24C	E9843	POOLED LEUKOCYTES CPD/XX/20-24C
			Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Psoralen-		Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Psoralen-
Split/Divide	CLOSED	E9846	treated COVID-19	E9846	treated COVID-19
0 111/151	0.00=0	=	Thawed Apheresis CONVALESCENT	=00=4	Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Methylene
Split/Divide	CLOSED	E9854	PLASMA NS/XX/refg Methylene blue-treated COVID-19	E9854	blue-treated COVID-19
0 111/151	0.00=5		Thawed Apheresis CONVALESCENT		Thawed Apheresis CONVALESCENT PLASMA NS/XX/refg Riboflavin-
Split/Divide	CLOSED	E9855	PLASMA NS/XX/refg Riboflavin-treated COVID-19	E9855	treated COVID-19
			Thawed Apheresis CONVALESCENT PLASMA ACD-		Thawed Apheresis CONVALESCENT PLASMA ACD-
Split/Divide	CLOSED	E9856	A/XX/refg Riboflavin-treated COVID-19	E9856	A/XX/refg Riboflavin-treated COVID-19
0 111/10:	01.00==	F00	Thawed CONVALESCENT PLASMA CPDA-1/XX/refg Psoralen-	F00	Thawed CONVALESCENT PLASMA CPDA-1/XX/refg Psoralen-
Split/Divide	CLOSED	E9857	treated COVID-19	E9857	treated COVID-19
			Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene blue-		Thawed CONVALESCENT PLASMA CPD/XX/refg Methylene blue-
Split/Divide	CLOSED	E9858	treated COVID-19	E9858	treated COVID-19
0 111/01 11	0.00=-	=====	Thawed Apheresis CONVALESCENT	=	Thawed Apheresis CONVALESCENT
Split/Divide	CLOSED	E9859	PLASMA NaCitrate/XX/refg Riboflavin-treated COVID-19	E9859	PLASMA NaCitrate/XX/refg Riboflavin-treated COVID-19

		Source Product		Target Product	
Modification	Method	Code	Source Product Name	Code	Target Product Name
			Thawed Apheresis CONVALESCENT		Thawed Apheresis CONVALESCENT
Split/Divide	CLOSED	E9860	PLASMA NaCitrate/XX/refg Psoralen-treated COVID-19	E9860	PLASMA NaCitrate/XX/refg Psoralen-treated COVID-19
			Thawed CONVALESCENT PLASMA CPD/XX/refg Riboflavin-		Thawed CONVALESCENT PLASMA CPD/XX/refg Riboflavin-
Split/Divide	CLOSED	E9861	treated COVID-19	E9861	treated COVID-19
					RED BLOOD
			RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat		CELLS CPD>AS5/500mL/refg Open ResLeu:NS Supernat rem/Plasma
Split/Divide	OPEN	E9828	rem/Plasma added	E8240	added
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	OPEN	E9836	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	E9836	reduced/Saline added 1st container
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	OPEN	E9837	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	E9837	reduced/Saline added 2nd container
			Apheresis PLATELETS ACD-A/XX/20-		Apheresis PLATELETS ACD-A/XX/20-24C Open ResLeu:<5E6 Plasma
Split/Divide	OPEN	E9838	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	E9838	reduced/Saline added 3rd container
			RED BLOOD CELLS CPD>AS5/500mL/refg ResLeu:NS Supernat		Washed RED BLOOD CELLS None/XX/refg Open ResLeu:NS Plasma
Wash	OPEN	E9828	rem/Plasma added	E8563	added
			RED BLOOD		Washed RED BLOOD
	0.0511	=	CELLS CPD>AS5/500mL/refg Irradiated ResLeu:NS Supernat	==	CELLS None/XX/refg Open Irradiated ResLeu:NS Supernat
Wash	OPEN	E9829	rem/Plasma added	E8408	rem/Plasma added
			Apheresis RED BLOOD		W I IA I PED BLOOD
\A/ I-	ODEN	F0000	CELLS CP2D>AS3/XX/refg Irradiated ResLeu:NS Supernat	E0444	Washed Apheresis RED BLOOD
Wash	OPEN	E9833	rem/Plasma added	E8444	CELLS None/XX/refg Open Irradiated ResLeu:NS Plasma added
			Apheresis RED BLOOD CELLS CP2D>AS3/XX/refq Irradiated ResLeu:NS Supernat		Washed Apheresis RED BLOOD
Wash	OPEN	E9834	rem/Plasma added/1st container	E8442	CELLS None/XX/refg Open Irradiated ResLeu:NS Plasma added 1st container
vvasii	OPEN	E9034	Apheresis RED BLOOD	E044Z	Washed Apheresis RED BLOOD
			CELLS CP2D>AS3/XX/refq Irradiated ResLeu:NS Supernat		CELLS None/XX/refq Open Irradiated ResLeu:NS Plasma added 2nd
Wash	OPEN	E9835	rem/Plasma added 2nd container	E8443	container
vvasii	OI LIN	L3000	Apheresis PLATELETS ACD-A/XX/20-	L0440	Washed Apheresis PLATELETS None/XX/20-
Wash	OPEN	E9836	24C Open ResLeu:<5E6 Plasma reduced/Saline added 1st container	E3558	24C Open ResLeu:<5E6 1st container
114011	O1 L14		Apheresis PLATELETSIACD-A/XX/20-		Washed Apheresis PLATELETS None/XX/20-
Wash	OPEN	E9837	24C Open ResLeu:<5E6 Plasma reduced/Saline added 2nd container	E3559	24C Open ResLeu:<5E6 2nd container
	J. 2.1		Apheresis PLATELETSIACD-A/XX/20-		Washed Apheresis PLATELETS None/XX/20-
Wash	OPEN	E9838	24C Open ResLeu:<5E6 Plasma reduced/Saline added 3rd container	E3560	24C Open ResLeu:<5E6 3rd container
			1 2 10 10 possificación de contra con		1 - O O P S

