

Overview

| | |
|-------------------|---|
| File: | Whole Blood_DataPartner3_Final Summary Report_3Aug20_IQVIA |
| Date: | 8/3/2020 |
| Objective: | <p>To conduct a feasibility analysis to estimate the incidence of blood components</p> <p>CBER is responsible for regulating how blood donations are processed; CBER also reviews and accepts the Circular of Information (labeling) regarding the use of blood for transfusion. Blood, in contrast to other drugs, is of human origin and there is no single manufacturer that can be held responsible for safety, effectiveness, and quality of the products. Instead, the production of blood components is carried out in a decentralized system of blood banks, some of which belong to the healthcare institutions where they are administered to patients with the medical need, and some of which are independent organizations focusing on collection, processing, or distribution. This system presents a challenge to systematic monitoring since data about blood component production and exposure are needed in the context of other patient data representing prior clinical constellation such as indication and comorbidities, and the outcome consequences.</p> <p>To address these challenges, a network of databases in OMOP CDM was established for the BEST Initiative, allowing identification of patients with exposure to blood components. These databases are derived from these EHR databases:</p> <ul style="list-style-type: none">- Columbia University Medical Center- Regenstrief Institute- Colorado UC Health System |

Background:

This study is focused on using a labeling and identification system called Information Standard for Blood and Transplant (ISBT) 128. ISBT 128 codes are designed to make medical products of human origin collected at one facility easily managed and read by a different facility. Currently, in the U.S., the governing rules regarding labeling of blood and blood component products are in the Code of Federal Regulations. The FDA does not require ISBT 128 for blood and blood component product labeling in the U.S.; however, the FDA does require that certain information, typically included on ISBT 128 labels, such as the product code and the unique facility identifier, be included on blood and blood component labels. While the FDA does not require ISBT 128, the American Association of Blood Banks (AABB), a leader in the development of standards in blood and blood component collection, processing, and transfusion, does require that blood and blood components be labeled using ISBT 128 at AABB-accredited facilities in and outside of the U.S.¹ ISBT 128 codes summarize all information about the component's Class (e.g. red blood cells), Modifiers (e.g. thawed), and Attributes including Core Conditions (e.g. anticoagulant).² ISBT 128 records from blood banks have the potential to significantly improve the ability to define exposures and blood products for several reasons:

1. ISBT 128 allows studying blood components at greater detail than the rather generic procedure codes.
2. The procedure codes are subject to billing rules, which generally tend to suppress detailed activities that are part of larger procedures. For example, blood transfusions administered to patients receiving trauma care or large surgeries are generally not listed, even when such transfusions happened.³

Study Specifications: [Study Specifications](#)

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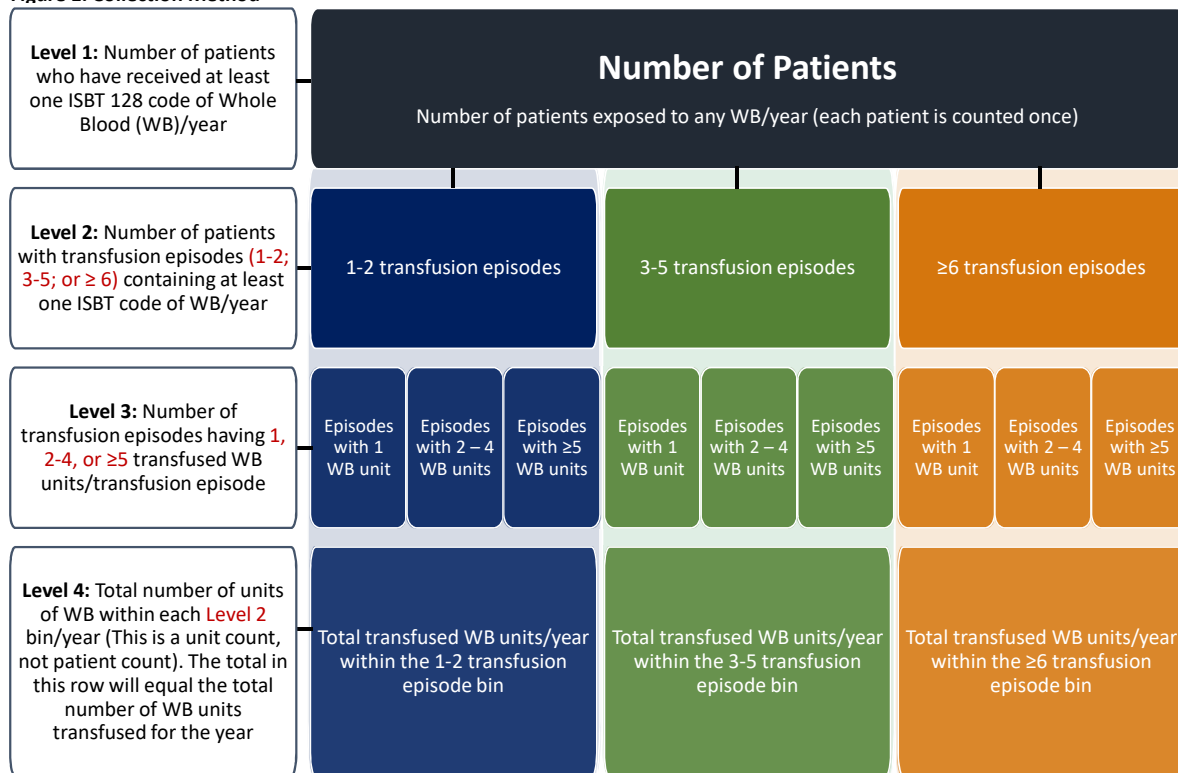
References:

- ¹United States Industry Consensus Standard for the Uniform Labeling of Blood and Blood Components Using ISBT 128." Version 3.0.0 (2013). <<https://www.iccbb.org/uploads/4a/e3/4ae3b3fd95bae57d4ee0f58ab6c5874f/IG-002-US-Consensus-Standard-Blood-v3.0.0.pdf>>.
- ²"Standard Terminology for Medical Products of Human Origin For Use with Product Description Code Database." Version 7.17 (2018). <<https://www.iccbb.org/uploads/b5/ad/b5ad322bf583e86dd87277c07cde231/Standard-Terminology-for-Medical-Products-of-Human-Origin-v7.17.pdf>>.
- ³U.S. Centers for Medicare & Medicaid Services. National Correct Coding Initiative Edits - PTP Coding Edits. (2018). <<https://www.cms.gov/Medicare/Coding/NationalCorrectCodInitEd/NCCI-Coding-Edits.html>>.

Study Specifications

| | |
|-----------------------------|--|
| File: | Hemovigilance Study_Exposures_Query Specs |
| Date: | 8/3/2020 |
| Objective: | To conduct a feasibility analysis to estimate the incidence of blood components |
| Data Source: | Data Partner 3 Collection Method queries executed on 5/20/2019 Modification Method queries executed on 5/20/2019 |
| Years: | 1/1/2012 - 12/31/2018 |
| Exposure Population: | All patients with at least one day of enrollment or at least one health encounter in each calendar year within the study period. Number of ISBT 128 code counts of the blood component of interest within the transfusion episode bin in a given year. If transfusion of a specific blood component is given on day #1 (1 unit), day #45 (4 units) and day #46 (10 units), this counts as 15 transfused units of specific blood component within the 2-5 transfusion episode bin. This measurement is at the transfused unit level, it does NOT count patients. |
| Units Count: | |
| Specifications: | |

Collection Method
Figure 1. Collection Method



Modification Method
Table 1. Modification Method

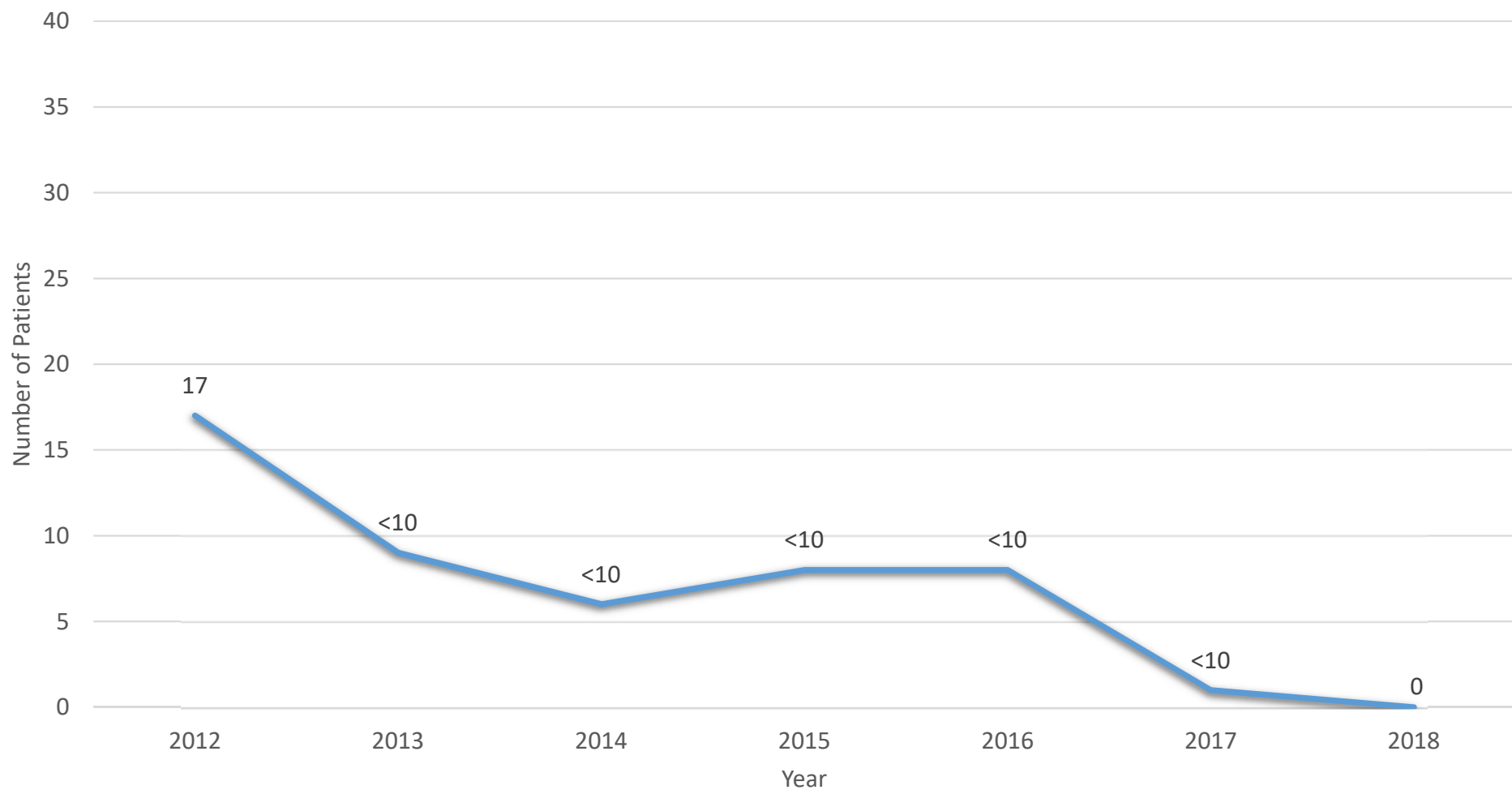
| Number of unique patients with at least one ISBT code with the specified whole blood (WB) modification (irrespective of all other products received) | Number of transfused units/year with the specified whole blood (WB) modification (Not patient level count) |
|--|--|
| That is Leukocyte-reduced | Total # of Leukocyte-reduced units |
| That is NOT Leukocyte-reduced | Total # of NOT Leukocyte-reduced units |

Modification Method

Table 5: Number of Whole Blood patients and units by modification method per year

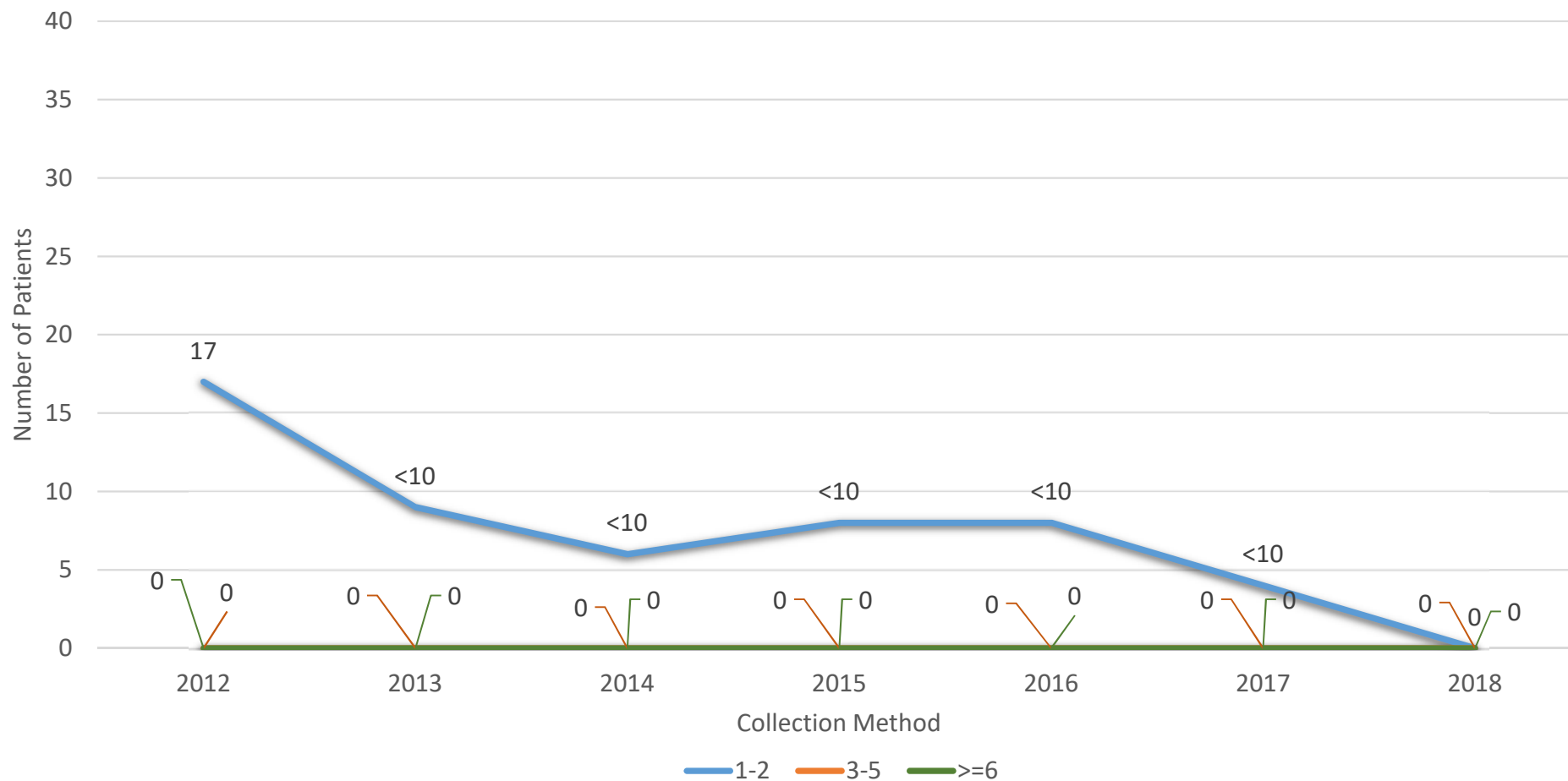
| Modification Method - WB | | Transfusion Year | | | | | | | Total |
|--------------------------|-----------------------|------------------|------|------|------|------|------|------|-------|
| | | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | |
| Number of Patients | Leukocyte-Reduced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Patients | Not Leukocyte-Reduced | 17 | <10 | <10 | <10 | <10 | <10 | 0 | 17 |
| | Total | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | | | | | | | | | |
| Number of Units | Leukocyte-Reduced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Units | Not Leukocyte-Reduced | 24 | 13 | <10 | 11 | <10 | <10 | 0 | 48 |
| | Total | 24 | 13 | 0 | 11 | 0 | 0 | 0 | 48 |

Figure 2: DataPartner3: Total Number of Patients Receiving Whole Blood Transfusions per Year



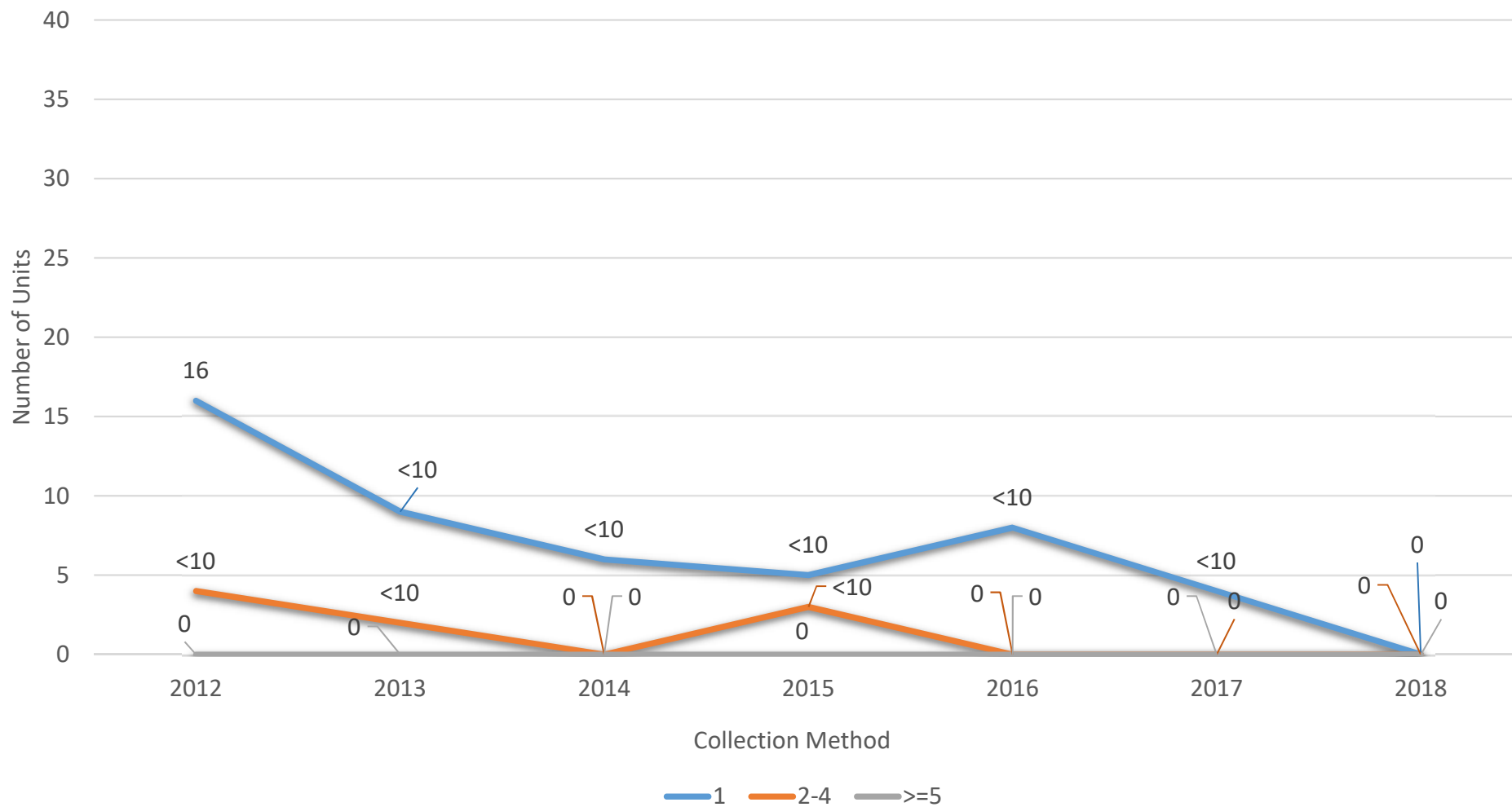
Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
Analyses conducted 5/20/2019

Figure 3: DataPartner3: Number of Patients Receiving Whole Blood Transfusions by Number of Transfusion Episodes per Year



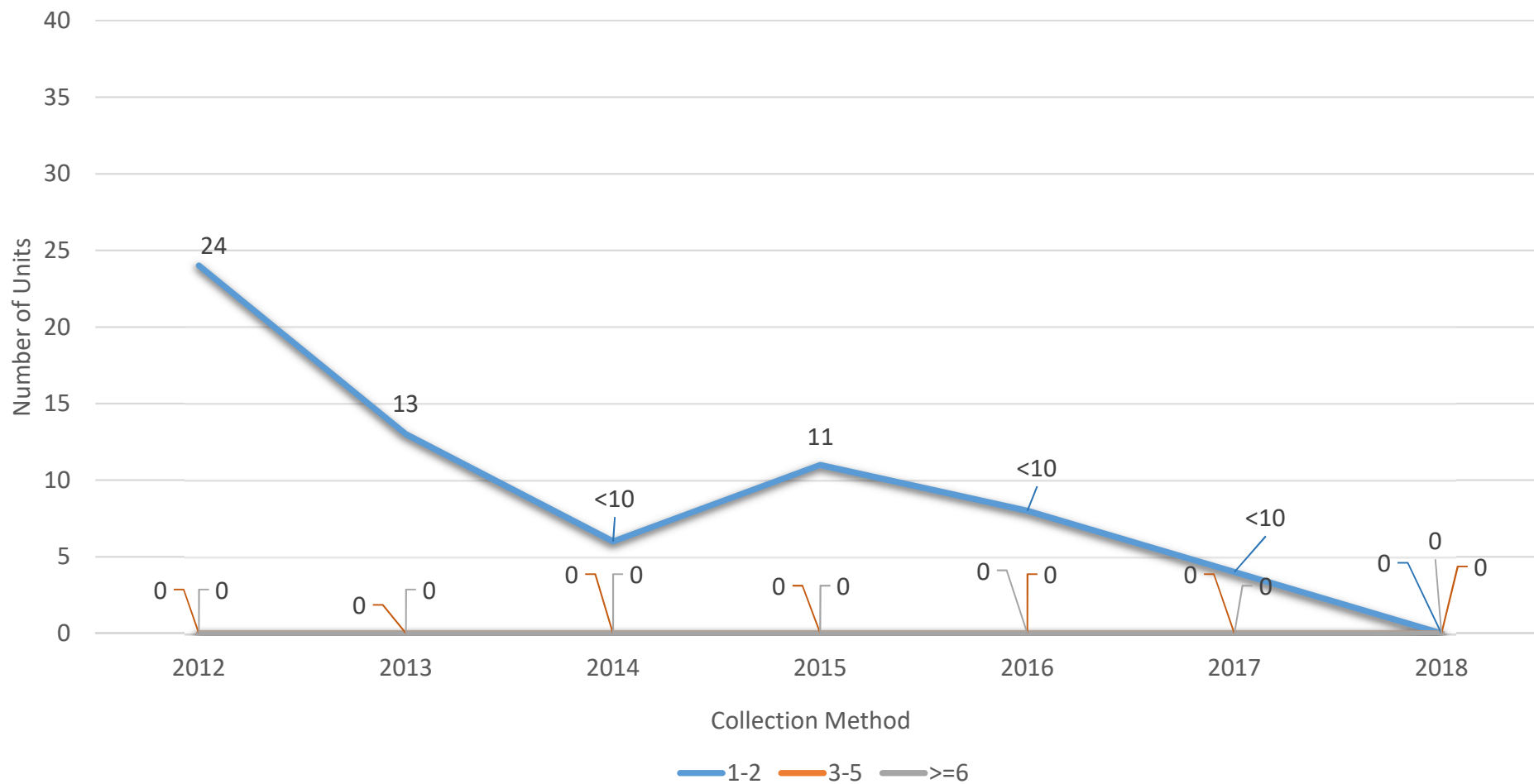
Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
 Analyses conducted 5/20/2019

Figure 4: DataPartner3: Number of Whole Blood Transfusion Episodes by Number of Transfused Units for Patients with 1-2 Episodes per Year



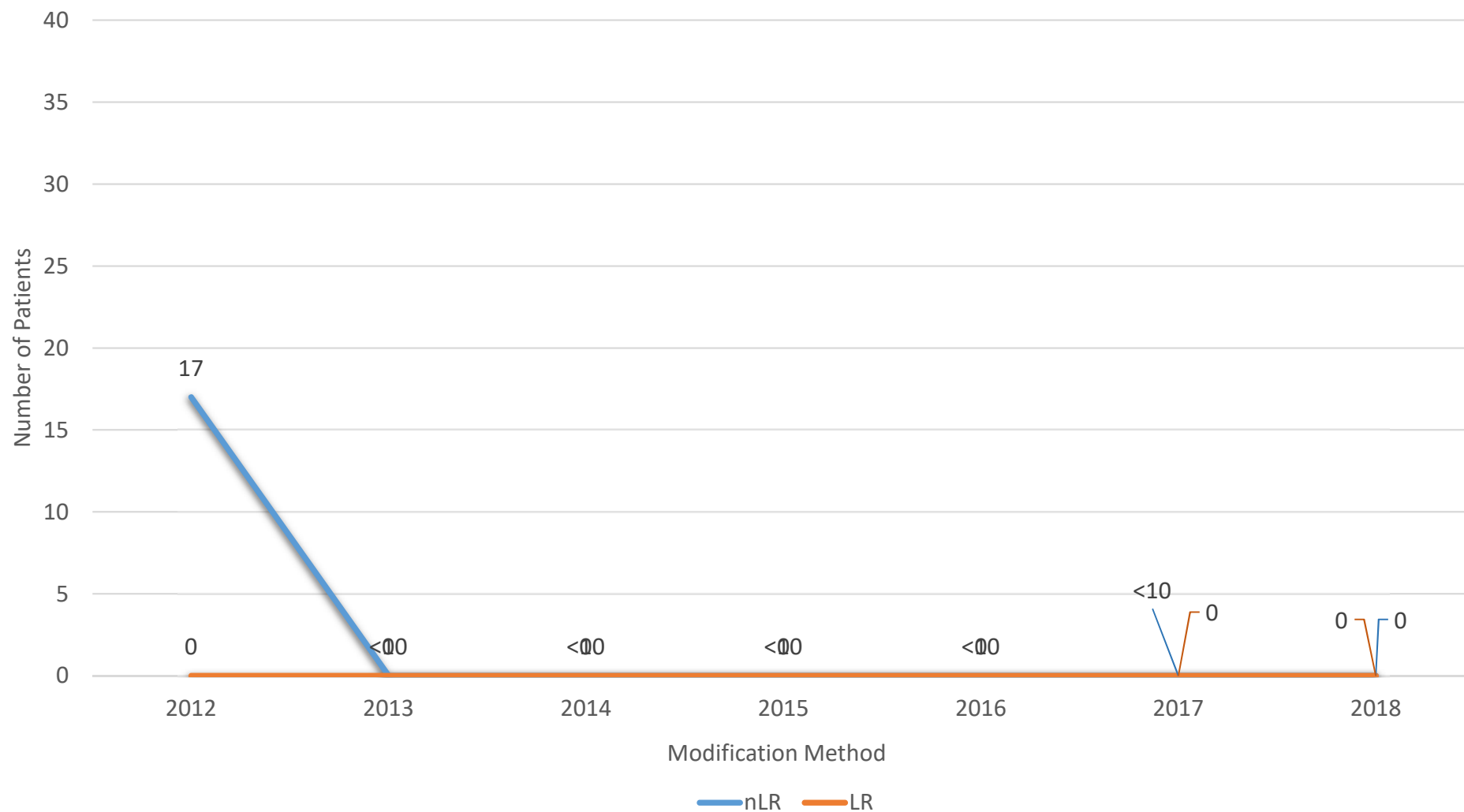
Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
 Analyses conducted 5/20/2019

Figure 5: DataPartner3: Total Number of Whole Blood Units Transfused by Number of Transfusion Episodes per Year



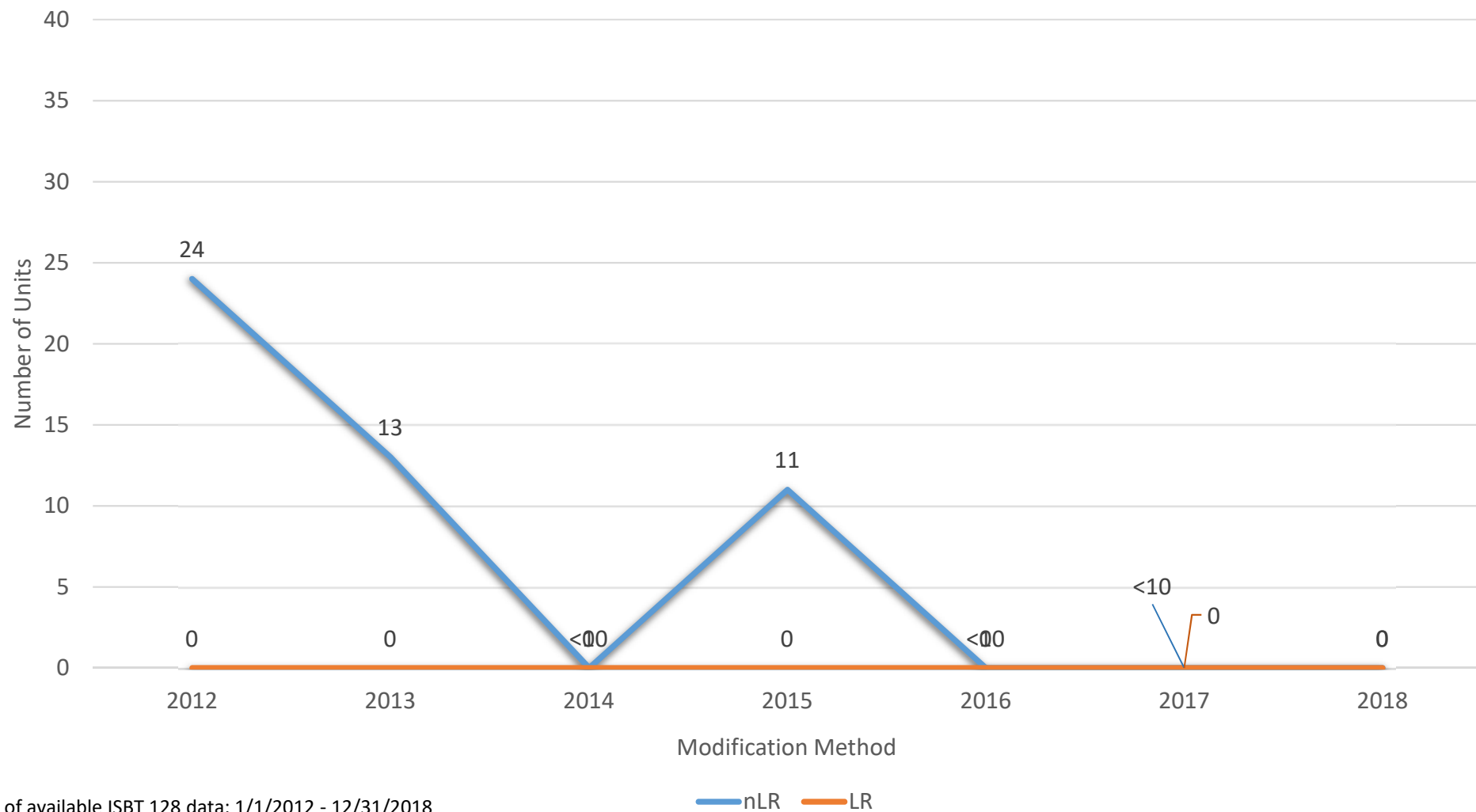
Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
 Analyses conducted 5/20/2019

Figure 6: DataPartner3: Total Number of Patients Receiving Whole Blood Transfusions by Modification Method per Year



Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
Analyses conducted 5/20/2019
nLR=Not Leukocyte-reduced; LR=Leukocyte-reduced

Figure 7: DataPartner3: Number of Whole Blood Units Transfused by Modification Method per Year



Dates of available ISBT 128 data: 1/1/2012 - 12/31/2018
Analyses conducted 5/20/2019
nLR=Not Leukocyte-reduced; LR=Leukocyte-reduced

| isbt_class | concept_id | concept_name | concept_code | valid_start_date | valid_end_date | leucreduce |
|-------------------|------------|--|--------------|------------------|----------------|-------------------|
| iPSC, WHOLE BLOOD | 916968 | iPSC, WHOLE BLOOD NS/XX/<=-150C For further processing 10% DMSO Cryopreserved Cultured:Yes | S3793 | 10/25/2018 | 12/31/2099 | |
| WHOLE BLOOD | 594244 | WHOLE BLOOD ACD-B/300mL/refg Irradiated ResLeu:<3.8E6 | E9508 | 1/30/2019 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 594245 | WHOLE BLOOD ACD-B/300mL/refg ResLeu:<3.8E6 | E9507 | 1/30/2019 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 594246 | WHOLE BLOOD ACD-B/300mL/refg Irradiated | E9506 | 1/30/2019 | 12/31/2099 | |
| WHOLE BLOOD | 594247 | WHOLE BLOOD ACD-B/300mL/refg | E9505 | 1/30/2019 | 12/31/2099 | |
| WHOLE BLOOD | 42666117 | WHOLE BLOOD CPD/450mL/refg Not for tx or mnf | E0012 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666118 | WHOLE BLOOD CPD/450mL/refg Open | E0013 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666119 | WHOLE BLOOD CPD/450mL/refg Open Irradiated | E0014 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666120 | WHOLE BLOOD CPD/450mL/refg Open Irradiated ResLeu:<5E6 | E0015 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666121 | WHOLE BLOOD CPD/450mL/refg Open ResLeu:<5E6 | E0016 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666122 | WHOLE BLOOD CPD/450mL/refg Irradiated | E0017 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666123 | WHOLE BLOOD CPD/450mL/refg Irradiated ResLeu:<5E6 | E0018 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666124 | WHOLE BLOOD CPD/450mL/refg ResLeu:<5E6 | E0019 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666125 | WHOLE BLOOD CPD/450mL/refg Cryo reduced | E0020 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666126 | WHOLE BLOOD CPD/450mL/refg Plts reduced | E0021 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666127 | WHOLE BLOOD CPD/450mL/refg Plts/Cryo reduced | E0022 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666128 | WHOLE BLOOD CPD/500mL/refg | E0023 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666129 | WHOLE BLOOD CPD/500mL/refg For mnf:injectable | E0024 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666130 | WHOLE BLOOD CPD/500mL/refg For mnf:noninjectable | E0025 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666131 | WHOLE BLOOD CPD/500mL/refg Not for tx or mnf | E0026 | 7/19/1996 | 12/31/2099 | |
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| WHOLE BLOOD | 42666141 | WHOLE BLOOD CPD/500mL/refg Plts/Cryo reduced | E0036 | 7/19/1996 | 12/31/2099 | |
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| WHOLE BLOOD | 42666144 | WHOLE BLOOD CPD/250mL/refg For mnf:noninjectable | E0039 | 7/19/1996 | 12/31/2099 | |
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| isbt_class | concept_id | concept_name | concept_code | valid_start_date | valid_end_date | leucreduce |
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| WHOLE BLOOD | 42666207 | WHOLE BLOOD CP2D/450mL/refg Open | E0102 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666208 | WHOLE BLOOD CP2D/450mL/refg Open Irradiated | E0103 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666209 | WHOLE BLOOD CP2D/450mL/refg Open Irradiated ResLeu:<5E6 | E0104 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666210 | WHOLE BLOOD CP2D/450mL/refg Open ResLeu:<5E6 | E0105 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666211 | WHOLE BLOOD CP2D/450mL/refg Irradiated | E0106 | 7/19/1996 | 12/31/2099 | |

| isbt_class | concept_id | concept_name | concept_code | valid_start_date | valid_end_date | leucreduce |
|-------------|------------|---|--------------|------------------|----------------|-------------------|
| WHOLE BLOOD | 42666212 | WHOLE BLOOD CP2D/450mL/refg Irradiated ResLeu:<5E6 | E0107 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666213 | WHOLE BLOOD CP2D/450mL/refg ResLeu:<5E6 | E0108 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666214 | WHOLE BLOOD CP2D/450mL/refg Cryo reduced | E0109 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666215 | WHOLE BLOOD CP2D/450mL/refg Plts reduced | E0110 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666216 | WHOLE BLOOD CP2D/450mL/refg Plts/Cryo reduced | E0111 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666217 | WHOLE BLOOD CP2D/500mL/refg | E0112 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666218 | WHOLE BLOOD CP2D/500mL/refg For mnf:injectable | E0113 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666219 | WHOLE BLOOD CP2D/500mL/refg For mnf:noninjectable | E0114 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666220 | WHOLE BLOOD CP2D/500mL/refg Not for tx or mnf | E0115 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666221 | WHOLE BLOOD CP2D/500mL/refg Open | E0116 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666222 | WHOLE BLOOD CP2D/500mL/refg Open Irradiated | E0117 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666223 | WHOLE BLOOD CP2D/500mL/refg Open Irradiated ResLeu:<5E6 | E0118 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666224 | WHOLE BLOOD CP2D/500mL/refg Open ResLeu:<5E6 | E0119 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666225 | WHOLE BLOOD CP2D/500mL/refg Irradiated | E0120 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666226 | WHOLE BLOOD CP2D/500mL/refg Irradiated ResLeu:<5E6 | E0121 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666227 | WHOLE BLOOD CP2D/500mL/refg ResLeu:<5E6 | E0122 | 7/19/1996 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42666228 | WHOLE BLOOD CP2D/500mL/refg Cryo reduced | E0123 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666229 | WHOLE BLOOD CP2D/500mL/refg Plts reduced | E0124 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666230 | WHOLE BLOOD CP2D/500mL/refg Plts/Cryo reduced | E0125 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666231 | WHOLE BLOOD CP2D/XX/refg | E0126 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666232 | WHOLE BLOOD CP2D/XX/refg For mnf:injectable | E0127 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666233 | WHOLE BLOOD CP2D/XX/refg For mnf:noninjectable | E0128 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666234 | WHOLE BLOOD CP2D/XX/refg Not for tx or mnf | E0129 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666235 | WHOLE BLOOD CP2D/XX/refg LowVol:anticoag not adj | E0130 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666236 | WHOLE BLOOD CP2D/450mL/refg | E0131 | 12/13/2011 | 12/31/2099 | |
| WHOLE BLOOD | 42666237 | WHOLE BLOOD CP2D/450mL/refg For mnf:injectable | E0132 | 12/13/2011 | 12/31/2099 | |
| WHOLE BLOOD | 42666238 | WHOLE BLOOD CP2D/450mL/refg For mnf:noninjectable | E0133 | 12/13/2011 | 12/31/2099 | |
| WHOLE BLOOD | 42666239 | WHOLE BLOOD CP2D/450mL/refg Not for tx or mnf | E0134 | 12/13/2011 | 12/31/2099 | |
| WHOLE BLOOD | 42666240 | WHOLE BLOOD Heparin/450mL/refg | E0135 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666241 | WHOLE BLOOD Heparin/450mL/refg Not for tx or mnf | E0136 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666242 | WHOLE BLOOD Heparin/500mL/refg | E0137 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666243 | WHOLE BLOOD Heparin/500mL/refg Not for tx or mnf | E0138 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666244 | WHOLE BLOOD None/450mL/refg For mnf:injectable | E0139 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666245 | WHOLE BLOOD None/450mL/refg For mnf:noninjectable | E0140 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666246 | WHOLE BLOOD None/450mL/refg Not for tx or mnf | E0141 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666457 | WHOLE BLOOD ACD-A/450mL/refg | E0001 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666458 | WHOLE BLOOD ACD-A/450mL/refg For mnf:injectable | E0002 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666459 | WHOLE BLOOD ACD-A/450mL/refg For mnf:noninjectable | E0003 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666460 | WHOLE BLOOD ACD-A/450mL/refg Not for tx or mnf | E0004 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666461 | WHOLE BLOOD ACD-B/450mL/refg | E0005 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666462 | WHOLE BLOOD ACD-B/450mL/refg For mnf:injectable | E0006 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666463 | WHOLE BLOOD ACD-B/450mL/refg For mnf:noninjectable | E0007 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666464 | WHOLE BLOOD ACD-B/450mL/refg Not for tx or mnf | E0008 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666465 | WHOLE BLOOD CPD/450mL/refg | E0009 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666466 | WHOLE BLOOD CPD/450mL/refg For mnf:injectable | E0010 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42666467 | WHOLE BLOOD CPD/450mL/refg For mnf:noninjectable | E0011 | 7/19/1996 | 12/31/2099 | |
| WHOLE BLOOD | 42670058 | WHOLE BLOOD Heparin/450mL/refg Irradiated | E3842 | 5/20/1999 | 12/31/2099 | |
| WHOLE BLOOD | 42670324 | WHOLE BLOOD CPD/XX/refg LowVol:anticoag adj | E4150 | 1/11/2002 | 12/31/2099 | |
| WHOLE BLOOD | 42670325 | WHOLE BLOOD CPDA-1/450mL/refg LowVol:anticoag adj | E4151 | 1/11/2002 | 12/31/2099 | |
| WHOLE BLOOD | 42670326 | WHOLE BLOOD CPDA-1/XX/refg LowVol:anticoag adj | E4152 | 1/11/2002 | 12/31/2099 | |

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| WHOLE BLOOD | 42670327 | WHOLE BLOOD CP2D/XX/refg LowVol:anticoag adj | E4153 | 1/11/2002 | 12/31/2099 | |
| WHOLE BLOOD | 42670381 | WHOLE BLOOD CPD/450mL/20-24C | E4207 | 9/18/2002 | 12/31/2099 | |
| WHOLE BLOOD | 42670382 | WHOLE BLOOD CPD/450mL/20-24C Irradiated | E4208 | 9/18/2002 | 12/31/2099 | |
| WHOLE BLOOD | 42670383 | WHOLE BLOOD CPD/450mL/refg ResLeu:<1E6 | E4209 | 9/18/2002 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42670618 | WHOLE BLOOD CPDA-1/450mL/refg ResLeu:<1E6 | E4396 | 9/25/2002 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42670830 | WHOLE BLOOD CPDA-1/450mL/refg Irradiated ResLeu:<1E6 | E5064 | 4/11/2005 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42670842 | WHOLE BLOOD CPDA-1/300mL/refg | E5076 | 5/14/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42670898 | WHOLE BLOOD CPD/XX/refg Irradiated LowVol:anticoag not adj | E5013 | 4/11/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42670899 | WHOLE BLOOD CPD/XX/refg Irradiated LowVol:anticoag adj | E5014 | 4/11/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42670900 | WHOLE BLOOD CPDA-1/XX/refg Irradiated LowVol:anticoag not adj | E5015 | 4/11/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42670901 | WHOLE BLOOD CPDA-1/XX/refg Irradiated LowVol:anticoag adj | E5016 | 4/11/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42671237 | WHOLE BLOOD CPDA-1/XX/refg Irradiated | E5373 | 11/1/2006 | 12/31/2099 | |
| WHOLE BLOOD | 42671238 | WHOLE BLOOD CPDA-1/300mL/refg Irradiated | E5374 | 11/1/2006 | 12/31/2099 | |
| WHOLE BLOOD | 42671283 | WHOLE BLOOD CPDA-1/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag not adj | E5120 | 5/14/2005 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671284 | WHOLE BLOOD CPDA-1/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag adj | E5121 | 5/14/2005 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671291 | WHOLE BLOOD CPDA-1/350mL/refg | E5128 | 7/12/2005 | 12/31/2099 | |
| WHOLE BLOOD | 42671497 | WHOLE BLOOD CP2D/450mL/refg Not for tx or mnf LowVol:anticoag not adj | E5334 | 6/1/2006 | 12/31/2099 | |
| WHOLE BLOOD | 42671519 | WHOLE BLOOD CPDA-1/350mL/refg ResLeu:<1E6 | E5356 | 7/1/2006 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671520 | WHOLE BLOOD CPDA-1/350mL/refg Irradiated ResLeu:<1E6 | E5357 | 7/1/2006 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671671 | WHOLE BLOOD CP2D/XX/refg Irradiated LowVol:anticoag adj | E5559 | 4/24/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671672 | WHOLE BLOOD CPD/XX/refg ResLeu:<5E6 LowVol:anticoag adj | E5560 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671673 | WHOLE BLOOD CP2D/XX/refg ResLeu:<5E6 LowVol:anticoag adj | E5561 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671674 | WHOLE BLOOD CPD/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag adj | E5562 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671675 | WHOLE BLOOD CP2D/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag adj | E5563 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671676 | WHOLE BLOOD CP2D/XX/refg Irradiated LowVol:anticoag not adj | E5564 | 4/24/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671677 | WHOLE BLOOD CPD/XX/refg ResLeu:<5E6 LowVol:anticoag not adj | E5565 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671678 | WHOLE BLOOD CPDA-1/XX/refg ResLeu:<5E6 LowVol:anticoag not adj | E5566 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671679 | WHOLE BLOOD CP2D/XX/refg ResLeu:<5E6 LowVol:anticoag not adj | E5567 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671680 | WHOLE BLOOD CPD/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag not adj | E5568 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671739 | WHOLE BLOOD CP2D/XX/refg Irradiated ResLeu:<5E6 LowVol:anticoag not adj | E5569 | 4/24/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671754 | WHOLE BLOOD CPD/450mL/refg Irradiated ResLeu:<1E6 | E5584 | 5/30/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671782 | WHOLE BLOOD CPDA-1/XX/refg ResLeu:<5E6 LowVol:anticoag adj | E5612 | 7/10/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671785 | WHOLE BLOOD CPDA-1/500mL/refg Not for tx or mnf ResLeu:<5E6 | E5615 | 7/10/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671786 | WHOLE BLOOD CPD/500mL/refg Not for tx or mnf ResLeu:<5E6 | E5616 | 7/10/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671947 | WHOLE BLOOD ACD-B/200mL/refg | E5432 | 2/15/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671948 | WHOLE BLOOD ACD-B/400mL/refg | E5433 | 2/15/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671949 | WHOLE BLOOD ACD-B/200mL/refg ResLeu:<2.5E6 | E5434 | 2/15/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671950 | WHOLE BLOOD ACD-B/400mL/refg ResLeu:<5E6 | E5435 | 2/15/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671951 | WHOLE BLOOD ACD-B/200mL/refg Irradiated | E5436 | 2/15/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671952 | WHOLE BLOOD ACD-B/400mL/refg Irradiated | E5437 | 2/15/2007 | 12/31/2099 | |
| WHOLE BLOOD | 42671953 | WHOLE BLOOD ACD-B/200mL/refg Irradiated ResLeu:<2.5E6 | E5438 | 2/15/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42671954 | WHOLE BLOOD ACD-B/400mL/refg Irradiated ResLeu:<5E6 | E5439 | 2/15/2007 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42674228 | WHOLE BLOOD None/500mL/rt Not for tx or mnf | E6390 | 3/2/2009 | 12/31/2099 | |
| WHOLE BLOOD | 42674418 | WHOLE BLOOD NS/XX/refg | E8553 | 6/19/2015 | 12/31/2099 | |
| WHOLE BLOOD | 42675723 | WHOLE BLOOD CPD/450mL/refg ResLeu:<1E6,WB filtr | E6468 | 7/1/2009 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42676702 | WHOLE BLOOD NS/XX/refg For mnf:injectable | E6077 | 7/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42677129 | WHOLE BLOOD CPD/XX/refg Irradiated | E8284 | 9/2/2014 | 12/31/2099 | |
| WHOLE BLOOD | 42677359 | WHOLE BLOOD CPD/XX/refg Open LowVol:anticoag adj | E5895 | 4/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42677371 | WHOLE BLOOD Heparin/450mL/refg ResLeu:<5E6 | E8328 | 10/20/2014 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677560 | WHOLE BLOOD None/500mL/rt For mnf:noninjectable | E8080 | 11/26/2013 | 12/31/2099 | |

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|------------------|------------|---|--------------|------------------|----------------|-------------------|
| WHOLE BLOOD | 42677649 | WHOLE BLOOD CPDA-1/XX/refg Not for tx or mnf ResLeu:<5E6 | E9031 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677650 | WHOLE BLOOD CPDA-1/XX/refg For mnf:noninjectable ResLeu:<5E6 | E9032 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677651 | WHOLE BLOOD CPDA-1/XX/refg For mnf:injectable ResLeu:<5E6 | E9033 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677652 | WHOLE BLOOD CPD/XX/refg Not for tx or mnf ResLeu:<5E6 | E9034 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677653 | WHOLE BLOOD CPD/XX/refg For mnf:noninjectable ResLeu:<5E6 | E9035 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677654 | WHOLE BLOOD CPD/XX/refg For mnf:injectable ResLeu:<5E6 | E9036 | 4/7/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42677852 | WHOLE BLOOD CPD/500mL/20-24C Not for tx or mnf | E7562 | 5/4/2012 | 12/31/2099 | |
| WHOLE BLOOD | 42677853 | WHOLE BLOOD CPDA-1/500mL/20-24C Not for tx or mnf | E7563 | 5/4/2012 | 12/31/2099 | |
| WHOLE BLOOD | 42678262 | WHOLE BLOOD CPDA-1/XX/refg Open LowVol:anticoag not adj | E7611 | 9/14/2012 | 12/31/2099 | |
| WHOLE BLOOD | 42678335 | WHOLE BLOOD CPD/450mL/refg ResLeu:<1E6 Plasma reduced | E9086 | 6/28/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678336 | WHOLE BLOOD CPD/450mL/refg Irradiated ResLeu:<1E6 Plasma reduced | E9087 | 6/28/2017 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678401 | WHOLE BLOOD CPD/350mL/refg | E6507 | 8/3/2009 | 12/31/2099 | |
| WHOLE BLOOD | 42678402 | WHOLE BLOOD CPD/350mL/refg ResLeu:<1E6 | E6508 | 8/3/2009 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678403 | WHOLE BLOOD CPD/350mL/refg Irradiated ResLeu:<1E6 | E6509 | 8/3/2009 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678492 | WHOLE BLOOD CPDA-1/500mL/refg For mnf:noninjectable ResLeu:<5E6 | E7580 | 6/18/2012 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678493 | WHOLE BLOOD CPD/500mL/refg For mnf:noninjectable ResLeu:<5E6 | E7581 | 6/18/2012 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678634 | WHOLE BLOOD NS/500mL/refg For mnf:noninjectable | E8647 | 12/3/2015 | 12/31/2099 | |
| WHOLE BLOOD | 42678648 | WHOLE BLOOD CPD/500mL/rt For mnf:injectable | E8661 | 12/3/2015 | 12/31/2099 | |
| WHOLE BLOOD | 42678649 | WHOLE BLOOD CPD/500mL/refg For mnf:injectable ResLeu:<1E6 | E8662 | 12/3/2015 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678718 | WHOLE BLOOD CPD/350mL/refg Irradiated | E7424 | 9/6/2011 | 12/31/2099 | |
| WHOLE BLOOD | 42678858 | WHOLE BLOOD CPDA-1/XX/refg Not for tx or mnf ResLeu:<5E6 LowVol:anticoag not adj | E7173 | 12/3/2010 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678859 | WHOLE BLOOD CPDA-1/XX/refg Not for tx or mnf ResLeu:<5E6 LowVol:anticoag adj | E7174 | 12/3/2010 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678860 | WHOLE BLOOD CPDA-1/XX/refg Not for tx or mnf LowVol:anticoag not adj | E7175 | 12/3/2010 | 12/31/2099 | |
| WHOLE BLOOD | 42678861 | WHOLE BLOOD CPDA-1/XX/refg Not for tx or mnf LowVol:anticoag adj | E7176 | 12/3/2010 | 12/31/2099 | |
| WHOLE BLOOD | 42678862 | WHOLE BLOOD CPD/XX/refg Not for tx or mnf ResLeu:<5E6 LowVol:anticoag not adj | E7177 | 12/3/2010 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678863 | WHOLE BLOOD CPD/XX/refg Not for tx or mnf ResLeu:<5E6 LowVol:anticoag adj | E7178 | 12/3/2010 | 12/31/2099 | leukocyte-reduced |
| WHOLE BLOOD | 42678864 | WHOLE BLOOD CPD/XX/refg Not for tx or mnf LowVol:anticoag not adj | E7179 | 12/3/2010 | 12/31/2099 | |
| WHOLE BLOOD | 42678865 | WHOLE BLOOD CPD/XX/refg Not for tx or mnf LowVol:anticoag adj | E7180 | 12/3/2010 | 12/31/2099 | |
| WHOLE BLOOD | 42679114 | WHOLE BLOOD CP2D/XX/refg Not for tx or mnf LowVol:anticoag not adj | E7963 | 6/12/2013 | 12/31/2099 | |
| WHOLE BLOOD | 42679590 | WHOLE BLOOD CPDA-1/450mL/20-24C | E6024 | 5/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679609 | WHOLE BLOOD CPDA-1/500mL/refg Plasma reduced | E6043 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679610 | WHOLE BLOOD CPDA-1/500mL/refg Irradiated Plasma reduced | E6044 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679611 | WHOLE BLOOD CPD/500mL/refg Plasma reduced | E6045 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679612 | WHOLE BLOOD CPD/500mL/refg Irradiated Plasma reduced | E6046 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679613 | WHOLE BLOOD CPDA-1/XX/refg Plasma reduced LowVol:anticoag not adj | E6047 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679614 | WHOLE BLOOD CPD/XX/refg Plasma reduced LowVol:anticoag not adj | E6048 | 6/1/2008 | 12/31/2099 | |
| WHOLE BLOOD | 42679751 | WHOLE BLOOD CPD/XX/refg Open LowVol:anticoag not adj | E5807 | 2/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 766647 | HPC, WHOLE BLOOD NS/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved | S3834 | 2/27/2019 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 766648 | HPC, WHOLE BLOOD NS/XX/<=-150C 5% DMSO Cryopreserved | S3833 | 2/27/2019 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 766649 | HPC, WHOLE BLOOD None/XX/refg 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed | S3832 | 2/27/2019 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 943141 | HPC, WHOLE BLOOD NS/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Buffy coat enriched | S3797 | 11/29/2018 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42671996 | HPC, WHOLE BLOOD Citrate/XX/refg | S1358 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42671997 | HPC, WHOLE BLOOD Citrate/XX/rt | S1359 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42671998 | HPC, WHOLE BLOOD Citrate/XX/refg 3rd Party Comp:Yes | S1360 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42671999 | HPC, WHOLE BLOOD Citrate/XX/rt 3rd Party Comp:Yes | S1361 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42672000 | HPC, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Cryopreserved Buffy coat enriched | S1362 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42672001 | HPC, WHOLE BLOOD NS/XX/<=-120C 5% DMSO Cryopreserved Buffy coat enriched | S1363 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42672002 | HPC, WHOLE BLOOD NS/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Cryopreserved Buffy coat enriched | S1364 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42672003 | HPC, WHOLE BLOOD NS/XX/<=-120C 5% DMSO 3rd Party Comp:Yes Cryopreserved Buffy coat enriched | S1365 | 2/2/2009 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42672004 | HPC, WHOLE BLOOD NS/XX/rt Thawed Washed Buffy coat enriched | S1366 | 2/2/2009 | 12/31/2099 | |

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| HPC, WHOLE BLOOD | 42672005 | HPC, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed Buffy coat enriched | S1367 | 2/2/2009 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42672436 | HPC, WHOLE BLOOD NS/XX/rt Buffy coat enriched | S1480 | 4/5/2010 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42673885 | HPC, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreser | S2906 | 6/19/2015 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42674309 | HPC, WHOLE BLOOD NS/XX/<=-150C 10% DMSO Cryopreserved Mobilized | S2317 | 10/24/2013 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42674310 | HPC, WHOLE BLOOD NS/XX/refg Mobilized | S2318 | 10/24/2013 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42674489 | HPC, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreser | S2724 | 10/20/2014 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42674963 | HPC, WHOLE BLOOD NS/XX/<=-150C 10% DMSO Cryopreserved | S2351 | 10/24/2013 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42674964 | HPC, WHOLE BLOOD NS/XX/refg | S2352 | 10/24/2013 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42675225 | HPC, WHOLE BLOOD Citrate/XX/rt For further processing | S2962 | 9/29/2015 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677019 | HPC, WHOLE BLOOD CPD/XX/refg Open 4th container Mobilized | S0635 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677020 | HPC, WHOLE BLOOD CPD/XX/rt Open 1st container Mobilized | S0636 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677021 | HPC, WHOLE BLOOD CPD/XX/rt Open 2nd container Mobilized | S0637 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677022 | HPC, WHOLE BLOOD CPD/XX/rt Open 3rd container Mobilized | S0638 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677023 | HPC, WHOLE BLOOD CPD/XX/rt Open 4th container Mobilized | S0639 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677024 | HPC, WHOLE BLOOD CPD/XX/refg Open Plasma added 1st container Mobilized | S0640 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677025 | HPC, WHOLE BLOOD CPD/XX/refg Open Plasma added 2nd container Mobilized | S0641 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677026 | HPC, WHOLE BLOOD CPD/XX/refg Open Plasma added 3rd container Mobilized | S0642 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677027 | HPC, WHOLE BLOOD CPD/XX/refg Open Plasma added 4th container Mobilized | S0643 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677028 | HPC, WHOLE BLOOD CPD/XX/rt Open Plasma added 1st container Mobilized | S0644 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677029 | HPC, WHOLE BLOOD CPD/XX/rt Open Plasma added 2nd container Mobilized | S0645 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677030 | HPC, WHOLE BLOOD CPD/XX/rt Open Plasma added 3rd container Mobilized | S0646 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677031 | HPC, WHOLE BLOOD CPD/XX/rt Open Plasma added 4th container Mobilized | S0647 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677032 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 1st container minimal Cryopreserved Mobilized | S0648 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677033 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 2nd container minimal Cryopreserved Mobilized | S0649 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677034 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 3rd container minimal Cryopreserved Mobilized | S0650 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677035 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 4th container minimal Cryopreserved Mobilized | S0651 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677036 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 1st container minimal Cryopreserved Mo | S0652 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677037 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 2nd container minimal Cryopreserved Mo | S0653 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677038 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 3rd container minimal Cryopreserved Mo | S0654 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677039 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 4th container minimal Cryopreserved Mo | S0655 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677040 | HPC, WHOLE BLOOD NS/XX/rt Open 1st container minimal Thawed Mobilized | S0656 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677041 | HPC, WHOLE BLOOD NS/XX/rt Open 2nd container minimal Thawed Mobilized | S0657 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677042 | HPC, WHOLE BLOOD NS/XX/rt Open 3rd container minimal Thawed Mobilized | S0658 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677043 | HPC, WHOLE BLOOD NS/XX/rt Open 4th container minimal Thawed Mobilized | S0659 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677044 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 1st container minimal Thawed Mobilized | S0660 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677045 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 2nd container minimal Thawed Mobilized | S0661 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677046 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 3rd container minimal Thawed Mobilized | S0662 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677047 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 4th container minimal Thawed Mobilized | S0663 | 4/4/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677056 | HPC, WHOLE BLOOD CPD/XX/refg Open Mobilized | S0672 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677057 | HPC, WHOLE BLOOD CPD/XX/rt Open Mobilized | S0673 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677058 | HPC, WHOLE BLOOD CPD/XX/refg Mobilized | S0674 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677059 | HPC, WHOLE BLOOD CPD/XX/rt Mobilized | S0675 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677060 | HPC, WHOLE BLOOD CPD/XX/refg Plasma added Mobilized | S0676 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677061 | HPC, WHOLE BLOOD CPD/XX/rt Plasma added Mobilized | S0677 | 5/22/2003 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677233 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 1st container Cryopreserved Mobilized Buffy coat enrich | S1031 | 8/5/2004 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677234 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 2nd container Cryopreserved Mobilized Buffy coat enrich | S1032 | 8/5/2004 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677235 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 3rd container Cryopreserved Mobilized Buffy coat enrich | S1033 | 8/5/2004 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677236 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open 4th container Cryopreserved Mobilized Buffy coat enrich | S1034 | 8/5/2004 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677237 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 1st container Cryopreserved Mobilized Bu | S1035 | 8/5/2004 | 12/31/2009 | |
| HPC, WHOLE BLOOD | 42677238 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 2nd container Cryopreserved Mobilized B | S1036 | 8/5/2004 | 12/31/2009 | |

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| HPC, WHOLE BLOOD | 42677239 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 3rd container Cryopreserved Mobilized Bu | S1037 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677240 | HPC, WHOLE BLOOD DMSO/XX/<=-120C Open Plasma added 4th container Cryopreserved Mobilized Bu | S1038 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677241 | HPC, WHOLE BLOOD NS/XX/rt Open 1st container Thawed Mobilized Buffy coat enriched | S1039 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677273 | HPC, WHOLE BLOOD NS/XX/rt Thawed Washed Mobilized Buffy coat enriched | S1271 | 3/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677274 | HPC, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed Mobilized Buffy coat enriched | S1272 | 3/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677418 | HPC, WHOLE BLOOD NS/XX/rt Open 2nd container Thawed Mobilized Buffy coat enriched | S1040 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677419 | HPC, WHOLE BLOOD NS/XX/rt Open 3rd container Thawed Mobilized Buffy coat enriched | S1041 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677420 | HPC, WHOLE BLOOD NS/XX/rt Open 4th container Thawed Mobilized Buffy coat enriched | S1042 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677421 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 1st container Thawed Mobilized Buffy coat enriched | S1043 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677422 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 2nd container Thawed Mobilized Buffy coat enriched | S1044 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677423 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 3rd container Thawed Mobilized Buffy coat enriched | S1045 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677424 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 4th container Thawed Mobilized Buffy coat enriched | S1046 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677425 | HPC, WHOLE BLOOD NS/XX/rt Open 1st container minimal Volume DMSO reduced Thawed Mobilized | S1047 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677426 | HPC, WHOLE BLOOD NS/XX/rt Open 2nd container minimal Volume DMSO reduced Thawed Mobilized | S1048 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677713 | HPC, WHOLE BLOOD CPD/XX/refg Open Plasma added Mobilized | S0678 | 5/22/2003 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677714 | HPC, WHOLE BLOOD CPD/XX/rt Open Plasma added Mobilized | S0679 | 5/22/2003 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677891 | HPC, WHOLE BLOOD NS/XX/rt Open 3rd container minimal Volume DMSO reduced Thawed Mobilized | S1049 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677892 | HPC, WHOLE BLOOD NS/XX/rt Open 4th container minimal Volume DMSO reduced Thawed Mobilized | S1050 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677893 | HPC, WHOLE BLOOD NS/XX/rt Open 1st container Volume DMSO reduced Thawed Mobilized Buffy coat | S1051 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677894 | HPC, WHOLE BLOOD NS/XX/rt Open 2nd container Volume DMSO reduced Thawed Mobilized Buffy coa | S1052 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677895 | HPC, WHOLE BLOOD NS/XX/rt Open 3rd container Volume DMSO reduced Thawed Mobilized Buffy coa | S1053 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677896 | HPC, WHOLE BLOOD NS/XX/rt Open 4th container Volume DMSO reduced Thawed Mobilized Buffy coa | S1054 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677897 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 1st container minimal Volume DMSO reduced Thaw | S1055 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677898 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 2nd container minimal Volume DMSO reduced Thaw | S1056 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677899 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 3rd container minimal Volume DMSO reduced Thaw | S1057 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677900 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 4th container minimal Volume DMSO reduced Thaw | S1058 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677901 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 1st container Volume DMSO reduced Thawed Mobil | S1059 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677902 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 2nd container Volume DMSO reduced Thawed Mobi | S1060 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677903 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 3rd container Volume DMSO reduced Thawed Mobi | S1061 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42677904 | HPC, WHOLE BLOOD NS/XX/rt Open Plasma added 4th container Volume DMSO reduced Thawed Mobi | S1062 | 8/5/2004 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679445 | HPC, WHOLE BLOOD Citrate/XX/refg Mobilized | S1161 | 7/17/2007 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679446 | HPC, WHOLE BLOOD Citrate/XX/rt Mobilized | S1162 | 7/17/2007 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679447 | HPC, WHOLE BLOOD Citrate/XX/refg 3rd Party Comp:Yes Mobilized | S1163 | 7/17/2007 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679448 | HPC, WHOLE BLOOD Citrate/XX/rt 3rd Party Comp:Yes Mobilized | S1164 | 7/17/2007 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679929 | HPC, WHOLE BLOOD CPD/XX/refg Open 1st container Mobilized | S0632 | 4/4/2003 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679930 | HPC, WHOLE BLOOD CPD/XX/refg Open 2nd container Mobilized | S0633 | 4/4/2003 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679931 | HPC, WHOLE BLOOD CPD/XX/refg Open 3rd container Mobilized | S0634 | 4/4/2003 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679941 | HPC, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Cryopreserved Mobilized Buffy coat enriched | S1200 | 3/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679942 | HPC, WHOLE BLOOD NS/XX/<=-120C 5% DMSO Cryopreserved Mobilized Buffy coat enriched | S1201 | 3/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679943 | HPC, WHOLE BLOOD NS/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Cryopreserved Mobilized Buffy coa | S1202 | 3/1/2008 | 12/31/2099 | |
| HPC, WHOLE BLOOD | 42679944 | HPC, WHOLE BLOOD NS/XX/<=-120C 5% DMSO 3rd Party Comp:Yes Cryopreserved Mobilized Buffy coa | S1203 | 3/1/2008 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42672813 | NC, WHOLE BLOOD Citrate/XX/refg For further processing Mononuclear cell enriched | S1552 | 12/3/2010 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42673434 | NC, WHOLE BLOOD Citrate/XX/refg Irradiation:Yes Buffy coat enriched | S3496 | 11/10/2017 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42674724 | NC, WHOLE BLOOD NS/XX/refg | S3391 | 6/28/2017 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42674886 | NC, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Other Additives:Yes Cryopreserved | S3392 | 6/28/2017 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42675389 | NC, WHOLE BLOOD Citrate/XX/refg For further processing | S2977 | 12/3/2015 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42675390 | NC, WHOLE BLOOD Citrate/XX/rt For further processing | S2978 | 12/3/2015 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42676568 | NC, WHOLE BLOOD Citrate/XX/refg | S1224 | 3/1/2008 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42676569 | NC, WHOLE BLOOD Citrate/XX/rt | S1225 | 3/1/2008 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42677285 | NC, WHOLE BLOOD Heparin/XX/refg | S1283 | 8/1/2008 | 12/31/2099 | |

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| NC, WHOLE BLOOD | 42677286 | NC, WHOLE BLOOD Heparin/XX/rt | S1284 | 8/1/2008 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42677919 | NC, WHOLE BLOOD CPD/XX/rt | S0722 | 7/30/2003 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42678131 | NC, WHOLE BLOOD Citrate/XX/rt Other Additives:Yes Buffy coat enriched | S1784 | 8/10/2012 | 12/31/2099 | |
| NC, WHOLE BLOOD | 42678132 | NC, WHOLE BLOOD Citrate/XX/refg Other Additives:Yes Buffy coat enriched | S1785 | 8/10/2012 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754061 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Cultured:Yes | S3647 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754062 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Cultured:Yes | S3648 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754063 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Genetically Modified:Yes Cryopreserved Cultured:Yes | S3649 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754064 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Genetically Modified:Yes Cryopreserved Cultured:Yes | S3650 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754065 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Thawed Cultured:Yes Activated T cell enriched | S3651 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754066 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Thawed Cultured:Yes Tumor specific T cell enriched | S3652 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754067 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Thawed Cultured:Yes Viral specific T cell enriched | S3653 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754068 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Genetically Modified:Yes Thawed Cultured:Yes | S3654 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754069 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Genetically Modified:Yes Thawed Cultured:Yes | S3655 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754070 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO Other Additives:Yes Genetically Modified:Yes Thawed Cultured:Yes | S3656 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754071 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Cultured:Yes Activated T cell enriched | S3657 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754072 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Cultured:Yes Tumor specific T cell enriched | S3658 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754073 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Genetically Modified:Yes Cultured:Yes Activated T cell enriched | S3659 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754074 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Genetically Modified:Yes Cultured:Yes Tumor specific T cell enriched | S3660 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754081 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Other Additives:Yes Genetically Modified:Yes | S3667 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754082 | T CELLS, WHOLE BLOOD NS/XX/refg Other Additives:Yes Genetically Modified:Yes | S3668 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 754139 | T CELLS, WHOLE BLOOD Citrate/XX/rt Other Additives:Yes | S3725 | 7/25/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 40218989 | T CELLS, WHOLE BLOOD NS/XX/refg | S3614 | 4/27/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 40219023 | T CELLS, WHOLE BLOOD None/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Cultured:Yes | S3580 | 3/30/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 40219024 | T CELLS, WHOLE BLOOD None/XX/refg NS DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed Cultured:Yes | S3579 | 3/30/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 40219036 | T CELLS, WHOLE BLOOD Citrate/XX/refg Plasma reduced | S3567 | 2/23/2018 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42671731 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Cryopreserved Plasma reduced | S2069 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42671733 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO Cryopreserved Plasma reduced | S2071 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42671735 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Cryopreserved Plasma reduced | S2073 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42671737 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO 3rd Party Comp:Yes Cryopreserved Plasma reduced | S2075 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672015 | T CELLS, WHOLE BLOOD NS/XX/rt Buffy coat enriched | S2018 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672017 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Buffy coat enriched | S2020 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672019 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Cryopreserved | S2022 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672021 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO Cryopreserved | S2024 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672023 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Cryopreserved | S2026 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672029 | T CELLS, WHOLE BLOOD NS/XX/rt Thawed Washed | S2032 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672031 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed | S2034 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672032 | T CELLS, WHOLE BLOOD NS/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Cultured:Yes | S2035 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672033 | T CELLS, WHOLE BLOOD NS/XX/rt Thawed Washed Buffy coat enriched | S2036 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672035 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed Buffy coat enriched | S2038 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672037 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Other Additives:Yes | S2040 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672039 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed Mononuclear cell enriched | S2042 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672040 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Other Additives:Yes | S2043 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672041 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Mononuclear cell enriched | S2044 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672043 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved | S2046 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672045 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Mononuclear cell enriched | S2048 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672047 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed | S2050 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672049 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes | S2052 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672052 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 10% DMSO Cryopreserved | S2055 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672054 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Cryopreserved | S2057 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672057 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO 3rd Party Comp:Yes Thawed | S2060 | 8/15/2013 | 12/31/2099 | |

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|----------------------|------------|---|--------------|------------------|----------------|-------------|
| T CELLS, WHOLE BLOOD | 42672059 | T CELLS, WHOLE BLOOD None/XX/refg 10% DMSO 3rd Party Comp:Yes Thawed | S2062 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672062 | T CELLS, WHOLE BLOOD NS/XX/rt Plasma reduced | S2065 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672064 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Plasma reduced | S2067 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672143 | T CELLS, WHOLE BLOOD NS/XX/rt Thawed Washed Plasma reduced | S2077 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672145 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed Plasma reduced | S2079 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672148 | T CELLS, WHOLE BLOOD None/XX/rt 3rd Party Comp:Yes Other Additives:Yes Mononuclear cell enriched | S2082 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672150 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopres | S2084 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672152 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopres | S2086 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672154 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Thawed | S2088 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672155 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Other Additives:Yes CD4 enriched | S2089 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672156 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Thawed Mononuclear ce | S2090 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672160 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved | S2094 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672162 | T CELLS, WHOLE BLOOD NS/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreser | S2096 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672165 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO 3rd Party Comp:Yes Thawed Plasma reduce | S2099 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672167 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Thawed Washed | S2101 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672169 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Thawed Washed Pooled Single Donor:Yes Pla | S2103 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42672174 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg | S2108 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673225 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Buffy coat en | S2859 | 5/8/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673396 | T CELLS, WHOLE BLOOD Citrate/XX/refg Buffy coat enriched | S3320 | 2/24/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673397 | T CELLS, WHOLE BLOOD Citrate/XX/refg 3rd Party Comp:Yes Buffy coat enriched | S3321 | 2/24/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673398 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved Buffy coat en | S3322 | 2/24/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673648 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Thawed Washed RBC reduced | S2266 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673649 | T CELLS, WHOLE BLOOD NS/XX/refg Thawed Washed RBC reduced | S2267 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673650 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved RBC reduced | S2268 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673651 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO Cryopreserved RBC reduced | S2269 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673652 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved | S2270 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673653 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO Cryopreserved | S2271 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673654 | T CELLS, WHOLE BLOOD Citrate/XX/refg RBC reduced | S2272 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673655 | T CELLS, WHOLE BLOOD Citrate/XX/refg | S2273 | 9/17/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673873 | T CELLS, WHOLE BLOOD None/XX/refg 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed CTL | S2894 | 6/19/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673877 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 3rd Party Comp:Yes Other Additives:Yes Buffy coat enri | S2898 | 6/19/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673878 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes CTL enriched | S2899 | 6/19/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42673937 | T CELLS, WHOLE BLOOD NS/XX/refg Cultured:Yes T Reg enriched | S3091 | 5/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674018 | T CELLS, WHOLE BLOOD None/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryoprese | S3327 | 2/24/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674019 | T CELLS, WHOLE BLOOD None/XX/refg NS DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed CTL e | S3328 | 2/24/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674236 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 3rd Party Comp:Yes Plasma reduced | S2110 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674240 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO Other Additives:Yes Thawed Washed | S2114 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674242 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Th | S2116 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674247 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes | S2121 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674253 | T CELLS, WHOLE BLOOD NS/XX/rt Other Additives:Yes Thawed Washed Plasma reduced | S2127 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674256 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Genetically Modified:Yes Cry | S2130 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674258 | T CELLS, WHOLE BLOOD Heparin/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopre | S2132 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674260 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Other Additives:Yes | S2134 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674264 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-120C 10% DMSO Other Additives:Yes Cryopreserved | S2138 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674266 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-120C 10% DMSO Other Additives:Yes Cryopreserved Plas | S2140 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674268 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg Plasma reduced | S2142 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674273 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg Other Additives:Yes | S2147 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674275 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg Other Additives:Yes RBC reduced | S2149 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674296 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Buffy coat enr | S2304 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674297 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed Washed Buffy coat enriched | S2305 | 10/24/2013 | 12/31/2099 | |

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| T CELLS, WHOLE BLOOD | 42674298 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed Washed Mononuclear cell enriched | S2306 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674299 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed Washed | S2307 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674301 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/rt Other Additives:Yes Plasma reduced | S2309 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674302 | T CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Mononuclear cell enriched | S2310 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674303 | T CELLS, WHOLE BLOOD None/XX/rt Other Additives:Yes Buffy coat enriched | S2311 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674304 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/rt | S2312 | 10/24/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674574 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Thawed Washed Mononuclear cell enriched | S2560 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674575 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Thawed Washed Buffy coat enriched | S2561 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674576 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Plasma reduced | S2562 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674826 | T CELLS, WHOLE BLOOD None/XX/<=-150C Pulsed 10% DMSO Other Additives:Yes Cryopreserved Cultured:Yes Genetically Modified:Yes | S2514 | 4/24/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674899 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg Other Additives:Yes Buffy coat enriched | S2151 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674901 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO Other Additives:Yes Thawed | S2153 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674903 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 10% DMSO Other Additives:Yes Thawed Plasma reduced | S2155 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674907 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/refg 3rd Party Comp:Yes | S2159 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674909 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved Plasma reduced | S2161 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42674911 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 10% DMSO Cryopreserved Plasma reduced | S2163 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675237 | T CELLS, WHOLE BLOOD NS/XX/refg NS DMSO Thawed Cultured:Yes Viral specific T cell enriched | S3165 | 9/30/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675247 | T CELLS, WHOLE BLOOD Citrate/XX/refg For further processing | S3175 | 11/4/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675248 | T CELLS, WHOLE BLOOD Citrate/XX/refg 3rd Party Comp:Yes | S3176 | 11/4/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675249 | T CELLS, WHOLE BLOOD Citrate/XX/refg 3rd Party Comp:Yes Plasma reduced | S3177 | 11/4/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675363 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Cultured:Yes Genetically Modified:Yes | S3405 | 7/25/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675364 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO Other Additives:Yes Genetically Modified:Yes Cryopreserved Plasma reduced | S3406 | 7/25/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675396 | T CELLS, WHOLE BLOOD NS/XX/refg Genetically Modified:Yes | S2984 | 12/3/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42675568 | T CELLS, WHOLE BLOOD NS/XX/rt Other Additives:Yes | S3436 | 7/25/2017 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676020 | T CELLS, WHOLE BLOOD Citrate/XX/rt 3rd Party Comp:Yes Other Additives:Yes | S2808 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676021 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/rt 3rd Party Comp:Yes Other Additives:Yes | S2809 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676022 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/rt 3rd Party Comp:Yes Other Additives:Yes Buffy coat enriched | S2810 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676023 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C NS HES + 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Plasma reduced | S2811 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676024 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C NS HES + 5% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Plasma reduced | S2812 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676025 | T CELLS, WHOLE BLOOD None/XX/rt 3rd Party Comp:Yes Other Additives:Yes CTL enriched | S2813 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676026 | T CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Plasma reduced | S2814 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42676027 | T CELLS, WHOLE BLOOD None/XX/rt 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed CTL enriched | S2815 | 3/6/2015 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678160 | T CELLS, WHOLE BLOOD NS/XX/refg Other Additives:Yes Genetically Modified:Yes Thawed Washed Cultured:Yes Genetically Modified:Yes | S2000 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678167 | T CELLS, WHOLE BLOOD NS/XX/refg Thawed Washed | S2007 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678168 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO Cryopreserved Buffy coat enriched | S2008 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678170 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO Cryopreserved Buffy coat enriched | S2010 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678171 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Thawed Washed | S2011 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678172 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 10% DMSO 3rd Party Comp:Yes Cryopreserved Buffy coat enriched | S2012 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678174 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO 3rd Party Comp:Yes Cryopreserved Buffy coat enriched | S2014 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678176 | T CELLS, WHOLE BLOOD NS/XX/<=-120C 5% DMSO 3rd Party Comp:Yes Cryopreserved | S2016 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42678177 | T CELLS, WHOLE BLOOD NS/XX/refg 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed | S2017 | 8/15/2013 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42679998 | T CELLS, WHOLE BLOOD Citrate/XX/rt Other Additives:Yes CTL enriched | S2609 | 8/1/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42679999 | T CELLS, WHOLE BLOOD Citrate/XX/rt Other Additives:Yes TIL enriched | S2610 | 8/1/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680000 | T CELLS, WHOLE BLOOD NS/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Genetically Modified:Yes Cryopreserved Plasma reduced | S2611 | 8/1/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680001 | T CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Genetically Modified:Yes Thawed Washed Cultured:Yes Genetically Modified:Yes | S2612 | 8/1/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680020 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopreserved Plasma reduced | S2631 | 8/1/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680169 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes CD45RA reduced | S3250 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680170 | T CELLS, WHOLE BLOOD NS/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved CD45RA reduced | S3251 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680177 | T CELLS, WHOLE BLOOD NS/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Cryopreserved Alpha Beta T cell reduced | S3258 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680178 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Alpha Beta T cell reduced | S3259 | 12/2/2016 | 12/31/2099 | |

| isbt_class | concept_id | concept_name | concept_code | valid_start_date | valid_end_date | leucoreduce |
|-----------------------|------------|---|--------------|------------------|----------------|-------------|
| T CELLS, WHOLE BLOOD | 42680179 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Thawed Washed CD45RA reduced | S3260 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680180 | T CELLS, WHOLE BLOOD NS/XX/refg 3rd Party Comp:Yes Thawed Washed Alpha Beta T cell reduced | S3261 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680184 | T CELLS, WHOLE BLOOD NS/XX/refg Pulsed Concurrent plasma + other Cultured:Yes Buffy coat enriched | S3265 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680263 | T CELLS, WHOLE BLOOD NS/XX/<=-120C Pulsed 10% DMSO Concurrent plasma + other Cryopreserved C | S3266 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42680264 | T CELLS, WHOLE BLOOD NS/XX/<=-150C Pulsed 10% DMSO Concurrent plasma + other Cryopreserved C | S3267 | 12/2/2016 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681434 | T CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Mononuclear cell enrich | S2563 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681528 | T CELLS, WHOLE BLOOD Citrate/XX/refg 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed Bu | S2581 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681529 | T CELLS, WHOLE BLOOD Citrate+Heparin/XX/<=-150C 10% DMSO Other Additives:Yes Cryopreserved Buf | S2582 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681530 | T CELLS, WHOLE BLOOD Citrate/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopre | S2583 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681531 | T CELLS, WHOLE BLOOD Citrate/XX/refg Other Additives:Yes Buffy coat enriched | S2584 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681532 | T CELLS, WHOLE BLOOD Citrate/XX/rt Other Additives:Yes Buffy coat enriched | S2585 | 6/6/2014 | 12/31/2099 | |
| T CELLS, WHOLE BLOOD | 42681533 | T CELLS, WHOLE BLOOD Citrate/XX/rt | S2586 | 6/6/2014 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 718626 | NK CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Thawed Washed Cultur | S3874 | 4/4/2019 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 754137 | NK CELLS, WHOLE BLOOD None/XX/rt 3rd Party Comp:Yes Other Additives:Yes Cultured:Yes | S3723 | 7/25/2018 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 754138 | NK CELLS, WHOLE BLOOD None/XX/<=-150C 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Cryopre | S3724 | 7/25/2018 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 766634 | NK CELLS, WHOLE BLOOD None/XX/refg Other Additives:Yes Thawed Washed Cultured:Yes | S3847 | 2/27/2019 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 766635 | NK CELLS, WHOLE BLOOD None/XX/refg 10% DMSO 3rd Party Comp:Yes Other Additives:Yes Thawed Cu | S3846 | 2/27/2019 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 766636 | NK CELLS, WHOLE BLOOD None/XX/refg 10% DMSO Thawed Cultured:Yes | S3845 | 2/27/2019 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 42674893 | NK CELLS, WHOLE BLOOD None/XX/rt 3rd Party Comp:Yes Other Additives:Yes Thawed Washed Cultured | S3399 | 6/28/2017 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 42674894 | NK CELLS, WHOLE BLOOD None/XX/refg 3rd Party Comp:Yes Other Additives:Yes Washed Cultured:Yes C | S3400 | 6/28/2017 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 42681548 | NK CELLS, WHOLE BLOOD NS/XX/<=-150C 5% DMSO 3rd Party Comp:Yes Cryopreserved Cultured:Yes | S2601 | 8/1/2014 | 12/31/2099 | |
| NK CELLS, WHOLE BLOOD | 42681549 | NK CELLS, WHOLE BLOOD NS/XX/rt 3rd Party Comp:Yes Thawed Washed Cultured:Yes | S2602 | 8/1/2014 | 12/31/2099 | |
| MALIGNANT CELLS, WHO | 42673939 | MALIGNANT CELLS, WHOLE BLOOD NS/XX/refg NS DMSO Irradiation:Yes Thawed Washed | S3093 | 5/2/2016 | 12/31/2099 | |

Definitions

Number of Transfused Patients: Number of unique patients with at least one ISBT 128 code specific to the blood component of interest in a given year. The patient will be counted only once for a specific blood component. If transfusion of a specific blood component is given on day #1 (1 unit), day #45 (4 units) and day #46 (10 units), this counts as 1 patient with transfusion of specific blood component.

Number of Patients with 1, 2-5, 6-11, or \geq 12 Transfusion episodes: Number of unique patients binned by number of transfusion episodes in a given year. Transfusion episode is defined as an occurrence of at least one ISBT 128 code specific to the blood component of interest per day, in a given year. If transfusion of a specific blood component is given on day #1 (1 unit), day #45 (4 units) and day #46 (10 units), this counts as 3 RBC transfusion episodes. For the patient level diagram, this patient will be categorized in the 2-5 transfusion episode bin. The patient will be counted only once for a specific blood component.

Number of Transfusion Episodes* having 1, 2-4, or \geq 5 Transfused units/ Transfusion Episode: Number of ISBT 128 code counts of the blood component of interest per transfusion episode bin in a given year. The patient will be counted once for **EACH** episode for a specific blood component. If transfusion of a specific blood component is given on day #1 (1 unit), day #45 (4 units) and day #46 (10 units), this counts as 3 episodes: one in the 1 unit episode bin, one in the 2-4 units episode bin, and one in the \geq 5 units episode bin (under the same 2-5 transfusion patient-episode bin).

Total Transfused units in each transfusion episode bin: Number of ISBT 128 code counts of the blood component of interest within the transfusion episode bin in a given year. If transfusion of a specific blood component is given on day #1 (1 unit), day #45 (4 units) and day #46 (10 units), this counts as 15 transfused units of specific blood component within the 2-5 transfusion episode bin. This measurement is at the transfused unit level, it does NOT count patients.

Figure 2 - Definition of Transfusion Episode

Definition of Transfusion Episode:

A transfusion episode is defined as a transfusion of one or more specific blood component(s) on a single day, from 12AM to 11:59PM. All sites are asked to use the end date of the transfusion of the last unit of the specific blood component transfused in the day as the date of the transfusion episode. If the transfusion occurs across more than one day (e.g. 22:00h on Feb 12 to 00:30 on Feb 13), this should be counted as one transfusion episode ending on Feb 13 (and only being counted on Feb 13). If the transfusion includes two units, the first of them ending on Feb 12 at 21:50 and the second unit (from the previous example) ending at 00:30 on Feb 13, these would be counted as two transfusion episodes, one on Feb 12 and one on Feb 13. If the transfusion end date is not available, sites will use the start date of the transfusion to mark a transfusion episode.