



To: Transfusion Services Managers
From: Hospital Relations
Date: June 27, 2024
Re: CPDA-1 Collection Kit

Background:

Carter BloodCare intends to implement the use of a new whole blood collection bag with the goal of meeting the expanded demand for Low Titer Group O Whole Blood (LTOWB). This collection kit contains citrate-phosphate-dextrose-adenine (CPDA-1) anticoagulant-preservative solution and extends product dating for LTOWB from 21 days to 35 days. The tentative go-live date is scheduled for August 27, 2024.

Table 1. Contents of Anticoagulant-Preservative Solutions*

Anticoagulant-Preservative (g/L)	Trisodium Citrate	Citric Acid	Monobasic Sodium Phosphate			Shelf Life (Days)
			Dextrose	Adenine		
Anticoagulant citrate-dextrose A (ACD-A) [†]	22.0	8.0	0	24.5	0	21
Citrate-phosphate dextrose (CPD)	26.3	3.27	2.22	25.5	0	21
Citrate-phosphate-dextrose-dextrose (CP2D)	26.3	3.27	2.22	51.1	0	21
Citrate-phosphate-dextrose-adenine (CPDA-1)	26.3	3.27	2.22	31.9	0.275	35

*63 mL/450 mL collection, 70 mL/500 mL collection.
[†]ACD is used for apheresis components.

*Table taken from the current version of the Circular of Information available at this link: <https://www.cbcspecialtyservices.org/licenses-accreditations>

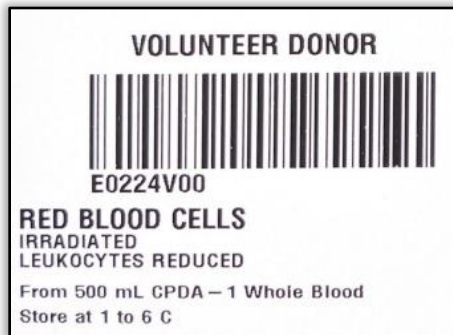
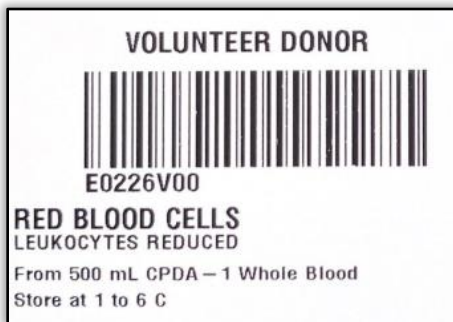
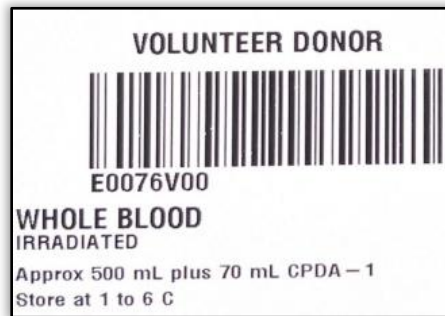
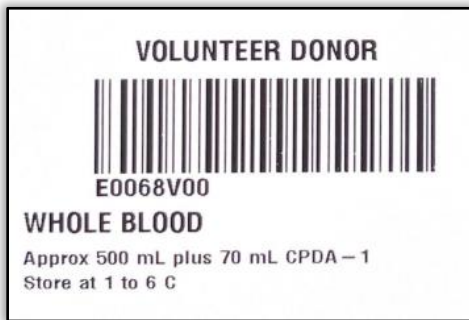
Impact to Clients:

- LTOWB will be labeled with a 35-day expiration date. This replaces the existing 21-day product. LTOWB remains non-leukoreduced.
- CPDA-1 leukoreduced red blood cells will be labeled with a 35-day expiration date.
- Citrate-Phosphate-Dextrose (CPD) unit production and availability remains unchanged.
- New product codes are required and are listed below for your reference.
- A thirty-day notice will be provided as required per the blood service agreement should a fee increase be necessary.

Client Action Required:

- Ensure your transfusion service can receive these products into your LIS system.

Code	Product Description
E0068	WHOLE BLOOD CPDA-1/500mL/refg
E0076	WHOLE BLOOD CPDA-1/500mL/refg Irradiated
E0226	RED BLOOD CELLS CPDA-1/500mL/refg ResLeu:<5log6
E0224	RED BLOOD CELLS CPDA-1/500mL/refg Irr ResLeu



Questions and Additional Information:

Please contact hospitalrelations@carterbloodcare.org with any questions or concerns.