# *Nutricel® Additive Systems and CPDA-1 Sets*

## *Standardized Whole Blood Collections Systems and Sets for Non-Leukoreduced Red Blood Cells, Platelet & Plasma Products*

## Description

Each Whole Blood Collection and Component Storage System is designed for the collection of one unit of whole blood, and the subsequent storage of the red blood cell, platelet and/or plasma components.

**Indication:** Collection of one unit of whole blood.

**BLOOD COMPONENTS PRODUCED:**

- Non-leukoreduced red blood cells.
- Non-leukoreduced platelet components.
- Non-leukoreduced plasma components.

### Nutricel Additive Blood Collection System

*Reorder code: 120-92, CP2D/AS-3 Double*

### CPDA-1 Blood Collection Set

*Reorder code: 731-93, CPDA-1 Triple*

## Accessory Devices

All are single use only (except for the polybags) and are free of natural rubber latex.

- **Phlebotomist Protection Device** is designed to reduce the potential for needlestick injury by immediate shielding of the needle on withdrawal from the vein.
- **DonorCare™ Needle Guard** is designed to reduce the potential for needlestick injury by immediate shielding of the needle on withdrawal from the vein. The DonorCare Needle Guard has a two-stage engagement mechanism:
  - – The Engaged Position stabilizes the needle hub whilst allowing for needle adjustment during collection.
  - – The Locked Position shields and locks the needle reventing any possibility of needle stick injury.
- **SampLok™ Vacuum Tube Holder** attaches to the Sampling Site for collection of donor tube samples. It is designed to work with the DonorCare Needle Guard to provide a self-contained sharps container for both the donor and sampling needles after discontinuation of the phlebotomy.
- **Pinch Clamp Non-Reopening** is a permanent clamp designed for use ONLY on the tubing of the Sample Diversion Pouch Sampling System on Pall blood collection systems. It can replace the use of other types of permanent seals, e.g. grommets and knots.
- **Polybags** are plastic bags designed for use during collection, transportation or centrifugation of blood. The polybag has two holes at the top to allow for suspension of the bag.
- **ATS LPL Leukoreduction Filter Holder** is designed to attach to a blood component expressor to hold the ATS LPL Filter upright during priming and filtration. It can be mounted to the expressor with temporary adhesive strips (provided) or permanently with screws.
- **Leukotrap® Straps** are designed to secure filters and blood bags in the centrifuge cup during centrifugation. Two sizes are available – 10" and 12" straps.

## Blood Collection Sets

# Specifications

### CONDITIONS OF USE

- **Shelf life:**
  - 3 years in unopened foil pouch; 30 days in an opened/resealed foil pouch.
  - The set can be removed from its foil pouch and outer wrap (cellophane) packaging and stored for up to 4 days exposure at room temperature with no compromise of product solution integrity.
- **Storage conditions:** Room temperature; avoid excessive heat; protect from freezing.
- **Single use.**

### COLLECTION

- **Latex content:** This product is free of natural rubber latex.
- **Collection capacity:** 450 mL or 500 mL, as indicated.
- **Needle protection device:** for reducing needlestick injury
- **Ultra Thin Wall 16-Gauge Needle:** 100% tested for needle sharpness for donor safety and comfort.
  - User friendly, finger contoured needle hub with a "bevel-up" indicator.
  - Tamper evident needle cover.
- **In-line Sampling system:** Sample Diversion Pouch Sampling System.
  - Diverts initial 42 mL of blood collected.
  - Reduces donor chair time by providing test sample access while collection bag is filling.

### PROCESSING & STORAGE OF BLOOD PRODUCTS

- **Anticoagulant:** Citrate Phosphate Double Dextrose (CP2D) or Citrate Phosphate Dextrose Adenine (CPDA-1).
  - 63 mL for 450 mL collections, or 70 mL for 500 mL collections, as indicated.
- **Additive solution:** AS-3 (Nutricel® System).
  - 100 mL for 450 mL collections, or 110 mL for 500 mL collections, as indicated, for CP2D/additive systems.
- **Plastic:**
  - Except for the CLX platelet storage container, all bags and tubing are polyvinyl chloride (PVC) with di (2-ethylhexyl) phthalate (DEHP) plasticizer.
  - The CLX container is PVC with tri (2-ethylhexyl) trimellitate (TEHTM) plasticizer. This proprietary plastic is transparent, flexible and gas permeable and designed to maintain acceptable pH over the component's shelf life.
- **Tubing:** All tubing is compatible with standard sterile tubing connection devices.
- **Satellite bags:** Standard (STD), i.e., DEHP plastic bag, or CLX platelet storage bag, as indicated.
  Note: For those systems with CLX storage bags attached, plasma may be stored.
- **Snap-open closures:** For easy, fast opening of fluid paths between bags.
- **Blood bag labels:** Enhanced paper for improved adhesion of overlabels.
- **Blood product dating:**
  - Up to 42 days at 1-6 °C for red blood cells, non-leuko-reduced.
  - Up to 5 days at 20-24 °C for platelet concentrates, non-leukoreduced in a CLX storage bag.
  - Up to 1 year at < -18 C for fresh frozen plasma, non-leukoreduced and cryoprecipitate in CLX or standard bag.

### TESTING

- **Crossmatch segments:** 16

# Ordering Information

**Blood Collection Systems and Sets – Case quantity:** 24 sets (3 sets per foil pouch, 8 pouches per case)

| Reorder Code | Anticoagulant/Additive | Fill Volume (mL) | Set Configuration* | Satellite Bags |
|---|---|---|---|---|
| 720-92 | CP2D/AS-3 | 450 | Double | 1 Standard |
| 721-93 | CP2D/AS-3 | 450 | Triple | 2 CLX |
| 120-92 | CP2D/AS-3 | 500 | Double | 1 Standard |
| 121-93 | CP2D/AS-3 | 500 | Triple | 2 CLX |
| 121-94 | CP2D/AS-3 | 500 | Quad | 2 CLX, 1 Standard |
| | | | | |
| 730-92 | CPDA-1 | 450 | Double | 1 Standard |
| 130-92 | CPDA-1 | 500 | Double | 1 Standard |
| 131-93 | CPDA-1 | 500 | Triple | 2 CLX |

*Represents number of functional bags including final red cell storage bag.

For ordering information on Accessory Devices, visit www.pall.com/blood.

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