

LEUKOTRAP WB SYSTEM- cpda-1 blood bag collection system solution Haemonetics Manufacturing

Leukotrap WB System, CPDA-1 Blood Collection Set with WBF2 Filter and Sampling System

DESCRIPTION

CPDA-1 Blood Collection Set, Quadruple Bag with WBF2 Filter and Sampling System

Instruction for Use for Systems Containing a Y Sampling Site (YSS) or Sample Diversion Pouch (with or without a pre-attached Samp Lok Vacuum Tube Holder). Refer to unit foil package label for specific product description being used.

Sterile, nonpyrogenic fluid path. Sterilized by steam.

Rx only.

This product is free of natural rubber latex.

INDICATIONS AND USAGE

Indicated for collection of blood and preparation of red blood cells and plasma with pre-storage leukocyte reduction. Platelet concentrates are not intended to be made with this product.

WARNINGS

Failure to achieve and maintain a closed system during processing would result in a product that must be transfused within 24 hours.

GENERAL PRECAUTIONS

Use Aseptic Technique.

Use only if solution is clear.

Store CPDA-1 preserved red blood cells at 1–6 °C for up to 35 days and use as indicated.

* During processing, always observe the following precautions:

1. Sealing should be done in a manner that avoids fluid splatter.
2. Always dispose of blood-contaminated products in a manner consistent with established BIOHAZARD safety procedures.

ADVERSE REACTIONS

There are no known potential adverse reactions associated specifically with the Leukotrap WB System with CPDA-1.

I. BLOOD COLLECTION INSTRUCTIONS FOR SYSTEMS CONTAINING A Y SAMPLING SITE (YSS) ONLY

1. Load blood agitation device or suspend blood bag on donor scale and adjust donor scale to desired collection gross weight as per manufacturer's instructions.
2. Clamp donor tubing between the Donor Care® Needle Guard (DCNG) and Y Sampling Site.
3. Secure donor tubing above the Y connector and disinfect site of phlebotomy.
4. If using blood pressure cuff, inflate to not more than 60 mm Hg.
5. Remove donor needle cover and accomplish phlebotomy.
6. Release clamp and ensure there is blood flow. Reduce pressure as required.
7. Slide the DCNG midway over the needle hub and securely tape DCNG to the donor's arm as close to the top of the DCNG as possible. **Note:** If blood flow is slow, slide DCNG away from the needle hub, adjust and re-engage DCNG. If repeated needle adjustment is necessary, slide DCNG away from the needle hub and re-engage at the end of blood collection.
8. Collect appropriate volume of blood into collection bag, as indicated on packaging.
Note: Mix blood and anticoagulant frequently during collection, for example, once every 45 seconds, and immediately after collection. If blood agitation device is used, follow manufacturer's operating instructions.
9. After required amount of blood has been collected, seal donor tubing between Y Sampling Site and the collection bag.*
10. For blood sampling, remove the Y Sampling Site needle cover. Ensure the protective sheath is in place over the sampling needle.
11. Fasten the vacuum tube holder on to the base of the sampling needle.
12. Collect blood samples into vacuum tubes.
13. Ensure the vacuum tubes are centered within the vacuum tube holder during sample collection.
14. Maintain forward pressure on the vacuum tubes during sample collection.
Note: After the last tube is collected, it is recommended that the vacuum tube holder be left in place.
15. After blood samples are collected, clamp donor tubing between the Y Sampling Site and DCNG, as close as possible to the DCNG.
16. Release any remaining pressure from the donor's arm.
17. DCNG must be held stationary while the needle is withdrawn into it. While holding sides of DCNG near the front, grasp the tubing below the clamp and pull the needle into the DCNG until it locks into place, and the needle hub engages the bottom of the DCNG.
18. Insert the DCNG into the vacuum tube holder. **Note:** It is recommended that the DCNG be inserted securely into the vacuum tube holder prior to discarding.

19. Seal donor tubing adjacent to DCNG.* Detach and discard needle, DCNG, Y Sampling Site and tubing.*
20. Strip tubing between seal and collection bag.
21. Continue to "Processing Instructions", Section IV, Step 1.

II. BLOOD COLLECTION INSTRUCTION FOR SYSTEMS CONTAINING A SAMPLE DIVERSION POUCH WITH OR WITHOUT A PRE-ATTACHED SAMP LOK® VACUUM TUBE HOLDER

When using systems with a pre-attached Samp Lok vacuum tube holder, follow instructions as noted below, but refer to Section III when indicated to do so.

1. Load blood agitation device or suspend blood bag on donor scale and adjust donor scale to desired collection gross weight as per manufacturer's instructions.
2. Clamp donor tubing between the Donor Care® Needle Guard (DCNG) and Sampling Site.
3. Secure donor tubing above the Y connector and disinfect site of phlebotomy.
4. If using blood pressure cuff, inflate to not more than 60 mm Hg.
5. Remove donor needle cover and accomplish phlebotomy.
6. Release clamp and ensure there is blood flow.
7. Slide the DCNG midway over the needle hub and securely tape DCNG to the donor's arm as close to the top of the DCNG as possible. **Note:** If blood flow is slow, slide DCNG away from the needle hub, adjust and re-engage DCNG. If repeated needle adjustment is necessary, slide DCNG away from the needle hub and re-engage at the end of blood collection.
8. The donor blood will be automatically diverted to the sample diversion pouch. Once the sample diversion pouch is filled, close clamp immediately on tubing between the sample diversion pouch and Y connector. **Warning:** To avoid risk of air embolism to donor, do not squeeze sample diversion pouch while tubing is open.
9. Open snap-open closure between the Y connector and the collection bag to initiate blood collection. Reduce pressure as needed.
10. Permanently seal tubing between the sample diversion pouch and the Y connector to maintain sterility of the system prior to collecting blood samples.* **Note:** When using systems with a pre-attached Samp Lok vacuum tube holder, go to Section III.
11. For blood sampling, remove the Sampling Site needle cover. Ensure the protective sheath is in place over the sampling needle.
12. Fasten the vacuum tube holder on to the base of the sampling needle.
13. Position the sample diversion pouch downwards so that the air rises to the top of the pouch and away from the vacuum tube holder. **Note:** Drawing air into the vacuum tube may cause hemolysis.
14. Collect blood samples from the sample diversion pouch into vacuum tubes within approximately four minutes to avoid possible clot formation.

15. Ensure the vacuum tubes are centered within the vacuum tube holder during sample collection.

16. Maintain forward pressure on the vacuum tubes during sample collection.

Note: After the last tube is collected, it is recommended that the vacuum tube holder be left in place.

17. Collect appropriate volume of blood into collection bag as indicated on packaging.

Note: Mix blood and anticoagulant frequently during collection, for example, once every 45 seconds, and immediately after collection. If blood agitation device is used, follow manufacturer's operating instructions.

18. After required amount of blood has been collected, seal donor tubing close to snap open closure.* **Note:** If pre-filtration quality control is to be performed, leave an adequate length (~10 inches) of QC tubing containing anticoagulated blood attached to the collection bag.

19. Clamp donor tubing between the Y connector and DCNG, as close as possible to the DCNG.

20. Release any remaining pressure from the donor's arm.

21. DCNG must be held stationary while the needle is withdrawn into it. While holding sides of DCNG near the front, grasp the tubing below the clamp and pull the needle into the DCNG until it locks into place, and the needle hub engages the bottom of the DCNG.

22. Insert the DCNG into the vacuum tube holder, if desired. **Note:** It is recommended that the DCNG be inserted securely into the vacuum tube holder prior to discarding.

23. Seal donor tubing adjacent to DCNG.* Detach and discard needle, DCNG, sample diversion pouch and tubing.*

24. Strip tubing between seal and collection bag.

25. Continue to "Processing Instructions", Section IV, Step 1.

III. WHEN USING SYSTEMS WITH A PRE-ATTACHED SAMP LOK® VACUUM TUBE HOLDER

1. To collect blood samples, open lid from Samp Lok vacuum tube holder.

2. Open snap-open closure between sample diversion pouch and Samp Lok vacuum tube holder.

3. Position the sample diversion pouch downwards so that the air rises to the top of the pouch and away from the Samp Lok vacuum tube holder. **Note:** Drawing air into the vacuum tube may cause hemolysis.

4. Collect blood samples from the sample diversion pouch into vacuum tubes within approximately four minutes to avoid possible clot formation.

5. Ensure the vacuum tubes are centered within the Samp Lok vacuum tube holder during sample collection.

6. Maintain forward pressure on the vacuum tubes during sample collection.

7. The lid may be closed on the Samp Lok vacuum tube holder after sample collection.
8. Return to Section II, Step 17. **Note:** When collection of unit is complete and the donor needle is engaged in the DCNG, open the lid of the Samp Lok vacuum tube holder and insert the DCNG into the holder. Twist until it locks into place. An audible click will confirm that it is locked.

IV. Blood Filtration Instructions

1. Filter and process whole blood within 72 hours of collection.
2. Mix whole blood/anticoagulant gently and thoroughly.
 - 3. Place empty red cell storage bag on a horizontal surface.
 - 4. Ensure cap of blood recovery vent above the filter is tightly closed.
 - 5. Hang whole blood bag up to 60 inches (1.52 meters) above empty red cell storage bag and ensure filter is vertical. **Note:** The maximum head height should be 60 inches (1.52 meters) for whole blood filtered at room temperature and at 1—6 °C.
 - 6. Open snap-open closure of whole blood bag. Priming will occur automatically by gravity.
 - 7. After blood fills one side of the air vent below the filter, open snap-open closure immediately below the air vent to begin filtration.
 - 8. Allow blood to filter by gravity. **Note:** Do not apply mechanical or manual pressure to increase flow rate. Filtration is complete when whole blood bag is empty.
 - 9. Remove cap from blood recovery vent above the filter and allow the upstream side (non-printed side) of the filter to drain.
 - 10. When the upstream side of the filter is empty, clamp tubing below the filter. **Note:** Filtration times can be influenced by collection and processing conditions and biological variability of donors. Experimental data with some filter products indicate that a prolonged filtration can be an indication of sub-optimal leukocyte reduction.
 - 11. Seal tubing just below the snap-open closure.*
 - 12. Detach and discard collection bag and filter.* **Note:** Do not strip tubing prior to sealing tubing. If it is desired to strip blood from numbered tubing, do so only after tubing has been sealed close to the snap-open closure and detached.
 - 13. If desired, seal at or adjacent to "X" marks on the tubing to provide numbered segments of anticoagulated blood for typing or crossmatching.* **Notes:** If it is necessary to strip blood from numbered tubing for re-suspension, care should be taken when stripping is performed. Increased (mechanical) hemolysis has been associated with stripping when blood is cold and has a higher hematocrit. Do not strip forcefully or frequently against a snap-open closure.

V. PROCESSING INSTRUCTIONS

- 1. Load whole blood and remaining bags into centrifuge cup, ensuring that the tubing stays in the top half of the cup.
- 2. Centrifuge at conditions designed to produce desired components.
- 3. Carefully remove the unit from the centrifuge and place the collection bag in the plasma expressor.
- 4. Clamp tubing to extra satellite bag(s), if present.
- 5. Gently apply expressor pressure.
- 6. Open snap-open closure on collection bag and express plasma.

- 7. After plasma is expressed, clamp tubing between satellite bag(s) whole blood bag and release expessor pressure.
- 8. Seal tubing and detach the bag containing packed red cells, and set aside plasma for further processing.* **Note:** If pre-filtration quality control is to be performed, leave an adequate length (~10 inches) of QC tubing containing anticoagulated blood attached to the collection bag.
- 9. Gently mix packed red cells.
- 10. Store CPDA-1 preserved red blood cells at 1—6 °C for up to 35 days and use as indicated.

HOW SUPPLIED

Each shipping case contains 6 foil envelopes. Within each foil envelope resides 3 units of the collection system. Each unit consists of a collection bag with 70 ml of CPDA-1 solution and two empty bags.

REFERENCES

HAEMONETICS and THE Blood Management Company are trademarks of Haemonetics Corporation.

DonorCare and SampLok are registered trademarks of ITL Corporation, Canberra, Australia.

Manufactured for:

Haemonetics Corporation

400 Wood Road

Braintree, MA 02184, USA

By: Haemonetics Manufacturing Inc.

1630 Industrial Park Street

Covina, CA 91722, USA




www.haemonetics.com

800-537-2802

PACKAGE/LABEL PRINCIPAL DISPLAY PANEL

(01)20887691305454(30)03(17)YYMMGO(10)#####

Envelope Label

Collection Date	Unit Number	EXPIRES
CPDA-1 WHOLE BLOOD		 65 ANTICOAGULANT CITRATE PHOSPHATE DEXTROSE ADENINE SOLUTION
Approx. 500 ml plus 70 ml CPDA-1. Store at 1–6 °C.	00160 	70 ml Anticoagulant Citrate Phosphate Dextrose Adenine Solution for collection of 500 ml of blood. Each 70 ml of CPDA-1 solution contains 2.23 g dextrose (monohydrate), USP; 1.84 g sodium citrate (dihydrate), USP; 0.229 g citric acid (monohydrate), USP; 0.155 g monobasic sodium phosphate (monohydrate), USP; and 0.019 g adenine, USP. Use only if solution is clear.
See circular of information for indications, contraindications, cautions and methods of infusion.		670136942
VOLUNTEER DONOR This product may transmit infectious agents. Rx only. PROPERLY IDENTIFY INTENDED RECIPIENT.		CPDA-1 Affix Collection/Processing I.D. Label Here
136-94 LOT		Manufactured for: Haemonetics Corporation 400 Wood Road Braintree, MA 02184, USA
		
1HE0013694		

Collection Bag Label

Collection Date

Unit Number

EXPIRES



02

Affix grouping label here after all required testing has been completed.

Place Product Label here after bag is filled.
PLASMA BAG

LEUKOCYTES REDUCED

See circular of information for indications, contraindications, cautions and methods of infusion.

VOLUNTEER DONOR

This product may transmit infectious agents. **Rx only.**
PROPERLY IDENTIFY INTENDED RECIPIENT.

675136942

CPDA-1
Affix
Collection/Processing
I.D. Label Here

136-94 **LOT**

Manufactured for:
Haemonetics Corporation
400 Wood Road
Braintree, MA 02184, USA



3HE0013694

Plasma Bag Label

Collection Date

Unit Number

EXPIRES



65

CPDA-1 RED BLOOD CELLS
LEUKOCYTES REDUCED

04360

From 500 ml
CPDA-1 Whole Blood.
Store at 1–6 °C.See circular of information for indications,
contraindications, cautions and methods of infusion.**VOLUNTEER DONOR**This product may transmit infectious agents. **Rx only.****PROPERLY IDENTIFY INTENDED RECIPIENT.**

679136942

CPDA-1
Affix
Collection/Processing
I.D. Label Here136-94 **LOT**Manufactured for:
Haemonetics Corporation
400 Wood Road
Braintree, MA 02184, USA

2HE0013694

Transfer Bag Label

LEUKOTRAP WB SYSTEM

cpda-1 blood bag collection system solution

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:53157-136
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
DEXTROSE MONOHYDRATE (UNII: LX22YL083G) (ANHYDROUS DEXTROSE - UNII:5SLOG7ROOK)	DEXTROSE MONOHYDRATE	2.23 g in 70 mL
SODIUM CITRATE (UNII: 1Q73Q2JULR) (ANHYDROUS CITRIC ACID - UNII:XF417D3PSL, SODIUM CATION - UNII:LYR4M0NH37)	SODIUM CITRATE	1.84 g in 70 mL
CITRIC ACID MONOHYDRATE (UNII: 2968PHW8QP) (ANHYDROUS CITRIC ACID - UNII:XF417D3PSL)	ANHYDROUS CITRIC ACID	0.229 g in 70 mL
SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE (UNII: 593YOG76RN) (PHOSPHATE ION - UNII:NK08V8K8HR, SODIUM CATION - UNII:LYR4M0NH37)	SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE	0.155 g in 70 mL

ADENINE (UNII: JAC85A2161) (ADENINE - UNII:JAC85A2161)	ADENINE	0.019 g in 70 mL
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Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:53157-136-62	18 in 1 CARTON		
1		500 mL in 1 BAG; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	BN800077	11/06/1980	

Labeler - Haemonetics Manufacturing (078598396)

Registrant - Haemonetics Corporation (057827420)

Establishment

Name	Address	ID/FEI	Business Operations
Haemonetics Manufacturing Inc		078598396	label(53157-136) , manufacture(53157-136)

Revised: 7/2024

Haemonetics Manufacturing