

Labside Filter (RC)



**High Efficiency Labside Filter
for Leukocyte Removal of Red Blood Cells(RC)**

...complete solution for **BLOOD** transfusion services

INSTRUCTION MANUAL

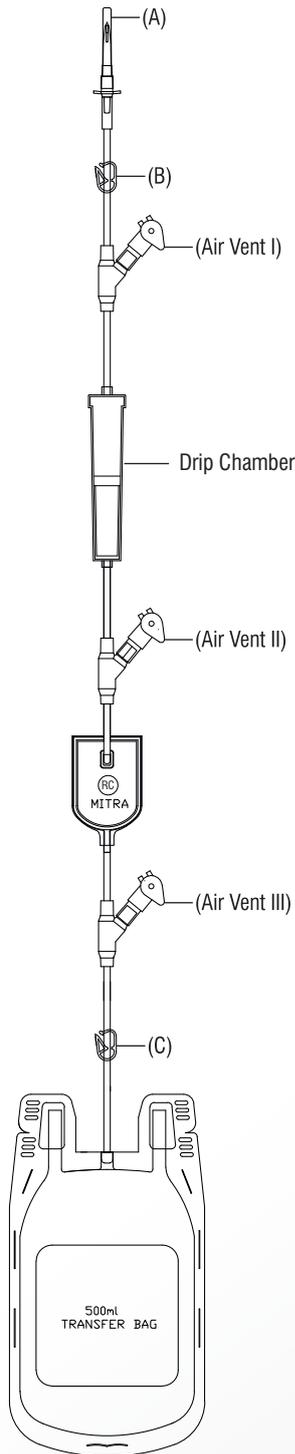


Fig-1

**Filter with Empty Transfer Bag
for Labside leukodepletion for RC
(Red Blood Cells)**

Filter with Empty Sterile Transfer Bag for Labside Leukodepletion from Red Blood Cells(RC)

MITRA-RC, Leukodepletion system with high efficiency to remove leukocytes and micro aggregates up to 1 unit of red blood cells in blood bank (Fig-1).

CAUTION:

- Please follow the instructions carefully.
- Do not reuse or do not re-sterile.
- Do not use it if the packing is damaged or the final protectors were lost or displaced.
- Make sure all the tubes are free of folding and kinking.
- Make sure all the air vents are closed before starting the filtration process.
- Store at temperature between 4° to 30°C.

INSTRUCTIONS:

PREPARATION OF SYSTEM FOR RED BLOOD CELLS

- Place the **pre-storage** filter system (Red Blood Cells) in vertical position.
- Make sure that the caps of the system of auto ventilation (Air Vent I, II & III) are closed.
- Close the clamp (B) and the clamp (C) of the system.
- Remove the protector cap (A) from the spike and puncture into the system (Red Blood Cells with SAGM or 90 ml Plasma) pre-storage by introducing into the port of the blood bag performing a twisting motion.
- Hang the red blood cells bag in IV stand or directly connect to bag by using sterile connecting device(SCD).

PRIMING AND FILTRATION

- Open the clamps (B) and the clamp (C).
- Allow the **pre-storage** filter system (Red Blood Cells) to prime by gravity. Do not press the bag (Red Blood Cells) or make external pressure during processing.
- Verify that the inlet side of MITRA-RC filter is filled and red blood cells are flowing through backside and coming towards outlet side. Close the clamp (C) & open again when half of the outlet side is filled.

TO RECOVER RED BLOOD CELLS

Once the red blood cells is empty, open the vent cap (I). The tubing and drip chamber system will automatically drain the red blood cells contained. Open the air vent (II) to drain the retained red blood cells in filter. Open the air vent (III) to drain retained red blood cells faster.

Note:

1. Saline priming is not required.
2. The system (Red Blood Cells) should not be washed with saline after filtration.
3. The MITRA-RC filter is for Leukodepletion **pre-storage** and better results are obtained filtering **fresh red blood cells**.
4. Do not use system (Red Blood Cells) which was collected more than **48 hours**.

Specification/Designs are subjected to change without any obligation on the part of the manufacturer