

BLD - Blood Leak Detector Alarm

1. If the ultrafiltrate has obvious frank blood, retransfuse and disconnect set (it means the filter membrane is disrupted)
2. If no obvious blood, select "Normalize" to continue treatment and proceed to send confirmation sample to rule-out red cells.

Note: myoglobin, bilirubin and some medications/conditions can make the ultrafiltrate appear ruddy or dark and activate the blood leak detector). Rule-out blood by sending ultrafiltrate sample to lab.

3. Send an effluent sample in mauve tube
4. Order "CDF" (cell count and differential, fluid) in PowerChart
5. Under specimen type choose "miscellaneous"
6. Under body site choose "see comment"
7. Under label comment put "effluent sample query RBC's present?"
8. Call Lab and let them know you are sending the sample and it needs to be done STAT and why

What to do with results:

1. If no red blood cells detected, document results in CRRT Navigation Band of EHR and continue with treatment
2. If red cells detected, retransfuse and end-treatment.

Last Update: May 26, 2021; Reviewed January 27, 2023