

NURSING SERVICE GUIDELINES HEMODIALYSIS

Guideline: Annual R/O Water Analysis
and LAL Specimen Collection



Policy Number Superseded:

Responsibility: Biomed Technician

Effective Date:
June 2024

Purpose of Guidelines: To ensure AAMI water standards are met for all the portable RO systems.

Initial Effective Date:
July 2003

Equipment: Water analysis and LAL specimen containers
Specimen container label
UPS packaging container

<u>Procedure</u>	<u>Point of Emphasis</u>
(A) Portable RO Water Analysis	
(1) Obtain specimen container from Spectra Laboratories at 800-433-3773.	
(2) After water system disinfection process is complete, using clean catch method, fill specimen container and empty 2 times, then fill to top of container.	Specimens are collected to ensure water quality by AMI Standards. Clean catch method is used to decrease the possibility of contamination from the water outlet.
(3) Label specimen and ship UPS to Spectra Laboratories.	Label with date, R/O water, station, time
(B) LAL Water Specimen	
(1) Obtain specimen container from Spectra Laboratories.	

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(2) Fill test tube to line (4.5ml). Use clean catch method.	Clean catch method is used to decrease the possibility of contamination from the water outlet.
(3) Label specimen and send to Spectra Laboratories per UPS.	Label with date, portable RO water, station, time.

LAL Specimen Schedule

Specimens are collected on rotating schedule

References: CMS Regulations 2017

Approved by:

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Review/Revision Completed by:

Tom Shaw, Biomedical Engineering

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