

**HACKETTSTOWN REGIONAL MEDICAL CENTER
LABORATORY POLICY MANUAL
WATER USAGE**

=====

Effective Date: September, 1998
Cross Referenced:
Reviewed Date: 5/2012
Revised Date: 1/12

Policy No: GENLAB 11.10
Origin: General Lab
Authority: Laboratory Director
Page: 1 of 1

PRINCIPLE: To define the type of water the laboratory uses to guarantee quality. To insure that minimum periodic monitoring is performed.

PROCEDURE:

1. CLRW is used for the following in all laboratory departments:
 - A) Coagulation reagent preparation
 - B) Reconstituting of lyophilized controls in Coag
 - C) All patient sample dilutions requiring water
 - D) Preparation of instrument "wash" solutions when so indicated by manufacturer.
2. The exceptions to this are the use of Siemens Purified Water Diluent for Siemens analyzers and chemistry dilutions.
3. Criteria for production of CLRW by the Millipore filter is defined as below:

	CLRW
Maximum microbial content (CFU/ml)	10
Minimum resistivity (megohm-cm)	10
Particulate Matter	0.22um filter

4. Resistivity of the water generated by the Millipore filter is measured daily and the microbial content is monitored weekly. Proper function of the system produces CLRW.

References: CAP General Lab Check List, 1/2012
CLSI C3-A4 Preparation and Testing of Reagent Water in the Clinical Laboratory Fourth edition 2006