

# Regional Medical Center®

<b>POLICY TITLE:</b> Piccolo Quality Control	
<b>DISTRIBUTION:</b> Laboratory <b>OWNER:</b> Laboratory: Chemistry	<b>LAST REVISED:</b> N/A <b>ORIGINATION DATE:</b> December 2024  <b>LAB DIRECTOR:</b>

## **Purpose:**

To ensure proper Quality Control is performed on the Piccolo following manufacturer's instructions.

## **Procedure:**

### **Day of Use**

1. The Piccolo has a built in iQC feature that needs to be printed and reviewed each day the instrument is used for testing.
2. After completion of patient and/or QC testing Use the Search button on the Piccolo screen. Using the arrows to navigate the screen.
3. After finding the testing for the current day select Print. Then select iQC.
4. Review the printed report.
5. If it passes, stick the printout in the Piccolo iQC log.
6. If it does not pass, call technical support.

### **New Shipment and Monthly**

1. QC is done with each new lot and shipment and/or monthly.
2. Remove Level 1 and Level 2 BRT Chemistry Control with CRP Liquid Assayed from the freezer. Allow to thaw for 1 hour at room temperature. QC material is good for 24 hours.Refrigerate after thawing for 1 hour.
3. Run samples in the same manner as patients.
4. Refer to SOP for each kit type.
5. Compare the values with the package insert.
6. If they are in range, place the printed result on the Piccolo Monthly QC Log sheet.
7. If they are not in range, repeat. If still not in range, notify the Chem supervisor and do not use this kit until the problem has been resolved.

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## **Verification**

1. Verification is to be done every 6 months. There are 3 levels.
2. Remove BRT Chemistry Control with CRP Verification samples from the freezer. Allow to thaw for 1 hour at room temperature. QC material is good for 24 hours. Refrigerate after thawing for 1 hour.

3. Run samples in the same manner as patients. Run each sample 3 times. Refrigerate between uses.

4. Refer to SOP for each kit type.

Attach the printouts for the samples to the Piccolo Verification Log and attach the package insert from the BRT Verification Samples.

Forward to the Chem Supervisor.

The Chem Supervisor will analyze the data for accuracy and troubleshoot if needed.