

Tasks to be performed each time analyzer(s) is moved between sites:

- Temperature checks to ensure conditions were maintained for reagents/cartridges during transport

i-STAT Alinity

- Calibration verification
 - Run 5 levels of verification solution
 - Document results and compare to the lot-specific Value Assignment Sheet provided by Abbott
- Liquid QC
 - Run 2 levels of liquid QC (i-STAT Aqueous controls levels 1 & 3)
 - Document results and compare to the lot-specific Value Assignment Sheet provided by Abbott

DCA Vantage

- Perform Optical Test
- Liquid QC
 - Run 2 levels of liquid QC (Siemens DCA Systems Hemoglobin A1c and Microalbumin/Creatinine controls)
 - Document results and compare to values on lot-specific test card

Daily tasks:

- Check and record temperatures (fridge, freezer, room temperature and transport containers if applicable)
- Storage verification

i-STAT Alinity *(performed daily or each day analyzer is in use)*

- Electronic simulator
 - Record results
- Cleaning

DCA Vantage *(performed daily or each day analyzer is in use)*

- Analyze QC material prior to beginning patient testing
 - Record results in QC log
 - Evaluate if performance is within specifications
 - YES – analyze patients
 - NO - troubleshoot

Tasks to be performed weekly / monthly / quarterly / as required:

i-STAT Alinity

- Review the QC log sheets
 - Date and sign
 - Review to determine if there are any trends
 - Troubleshoot any issues and document
 - Forward to Shared Health for review and sign-off
- New shipment temperature checks
- CLEW Updates
- Run EPT

DCA Vantage

- Cleaning
 - Instrument and barcode reader (weekly)
 - Cartridge compartment (quarterly)
- Change air filter (quarterly)
- Perform Optical Test (quarterly)
- Review the QC log sheets
 - Date and sign
 - Review to determine if there are any trends
 - Troubleshoot any issues and document
 - Forward to Shared Health for review and sign-off
- Run EPT