

Blanchard Valley Health System: Point of Care Testing  
Abbott Afinion2

**Method: POCT Abbott Afinion 2      Test Analyte: HbA1c**

Associate Name and Title: \_\_\_\_\_ Location: \_\_\_\_\_

Associate ID number: \_\_\_\_\_ Date of Initial Training: \_\_\_\_\_

**I. Sample Collection and Preparation**

\_\_\_\_\_ 1. Capillary or venous whole blood may be used

**II. Reagent Storage and Stability**

- \_\_\_\_\_ 1. Test cartridges are stored in refrigerator until manufacturer's expiration date.  
\_\_\_\_\_ 2. Test cartridges may be stored at room temperature for 90 days  
\_\_\_\_\_ 3. QC material is stored in the refrigerator until manufacturer's expiration date, once opened the expiration date is 60 days.

**III. Safety including Infection Control / Prevention**

- \_\_\_\_\_ 1. Wear gloves during testing events.  
\_\_\_\_\_ 2. Clean hands with effective antimicrobial agent.  
\_\_\_\_\_ 3. Discard materials designed for single use in appropriate container.

**IV. Quality Control**

\_\_\_\_\_ 1. Frequency of performing Quality Control: 2 Levels with new lot, new shipment, every 30 days and with each new untrained operator.

**V. TESTING: Patient and QC**

- \_\_\_\_\_ 1. Lift the capillary sampling device out of the cartridge  
\_\_\_\_\_ 2. Puncture the finger and fill the capillary to the end. Insert the capillary back into the test cartridge until it snaps. Test MUST be started within 1 minute of filling the capillary.  
\_\_\_\_\_ 3. Insert the test cartridge, barcode facing left, close the lid.  
\_\_\_\_\_ 4. As the test is running enter patient ID  
\_\_\_\_\_ 5. Record the result from the screen

**VI. Recording and Reporting results**

- \_\_\_\_\_ 1. HbA1c Reference Range
- Normal: 4.0-5.6%
  - Prediabetes: 5.7-6.4%
  - Diabetes: > 6.5%

**VII. Cleaning and Disinfecting**

- \_\_\_\_\_ 1. Monthly cartridge chamber cleaning  
\_\_\_\_\_ 2. Know how to clean the outside of the analyzer

Associate Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Qualified Trainer/Assessor: \_\_\_\_\_ Date: \_\_\_\_\_

Job title of Qualified Trainer/Assessor: \_\_\_\_\_