

Blanchard Valley Health System

Site: \_\_\_\_\_

Location: \_\_\_\_\_

form revised 8/18/2022 LTR

Training Checklist for Laboratory Point of Care Testing

Date of Hire / Transfer: \_\_\_\_\_

Method: POCT HemoCue Hb 201+ System

Date of Initial Training: \_\_\_\_\_

Test Analyte: Hemoglobin

Supervisor: \_\_\_\_\_

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

(print legibly) Associate ID number: \_\_\_\_\_

Former Name / Maiden Name: \_\_\_\_\_

### Reagents

\_\_\_\_\_ Hemoglobin microcuvettes: Store at room temperature. Do not refrigerate. An opened package of reagents expires 3 months after opening. Date reagent package when opening. Cuvettes are moisture sensitive. Replace cap on reagent package immediately after removing a cuvette. Do not remove cuvette from package until time of use.

\_\_\_\_\_ Liquid controls: Store controls in the refrigerator. Once the vial is opened, controls expire within 30 days of opened date. Date control vial when opening. Before use, allow vials must be at room temperature (15 minutes). After use, wipe threads of vial and of cap before replacing cap. Recap vial tightly and between uses.

### Power

\_\_\_\_\_ Power to run the analyzer can come from either batteries or from the HemoCue 6V AC Adapter, which plugs into the analyzer. When going from battery power to the AC Adapter, turn off the analyzer first.

### Quality Control

\_\_\_\_\_ Perform liquid controls, Low, Normal and High levels, every 24 hours of patient testing, when opening a new lot of cuvettes, and when patient results do not correlate with clinical observations.

\_\_\_\_\_ Vials must be at room temperature (15 minutes). Check that the controls are not expired. Controls expire 30 days after opening. To mix, hold a vial horizontally between the palms of the hands. Roll the vial back and forth for 20-30 seconds, occasionally inverting the vial. Mix vigorously but do not shake. Continue to mix in this manner until the red cells are completely suspended.

### Specimen Requirements

\_\_\_\_\_ Properly identify the patient, including verifying the patient account number from the patient armband.

\_\_\_\_\_ Venipuncture, arterial puncture, or line draw: Lines must be adequately flushed.

**NOTE: Poorly mixed samples or those containing clots cause unreliable results.**

### Patient Testing

\_\_\_\_\_ Pull out the cuvette holder to the loading (outer) position.

\_\_\_\_\_ Take the cuvette out of the container. Reseal the container immediately. Avoid touching the optical eye of the cuvette.

\_\_\_\_\_ Continuously roll the syringe containing the blood sample between hands, periodically inverting the syringe to fully mix the sample. Place a drop of blood onto a hydrophobic surface. Place the cuvette tip into the middle of the drop.

\_\_\_\_\_ Allow the cavity of the microcuvette to fill completely with one continuous capillary action. Do not refill the cavity of the microcuvette. If air bubbles are seen in the optical eye of the cuvette, the results will be unreliable, the cuvette should be discarded, and the test must be repeated using a new cuvette. When completely filled, wipe off the outside of the microcuvette. Do not touch the slit of the microcuvette.

\_\_\_\_\_ Place the filled cuvette into the cuvette holder immediately and insert to the "MEASURING" position.

The filled cuvette should be analyzed immediately and at the latest, no more than 10 minutes after it has been filled.

The result will be displayed in less than 45 seconds and will remain on the screen until the cuvette holder is pulled out.

### Reference Ranges

\_\_\_\_\_ The Reportable Range is 0-23.5 g/dL. Results greater than 23.5 should be confirmed by the laboratory.

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

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

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