

DCA Vantage HbA1C: Reagent Cartridge Calibration Procedure


PURPOSE:

To calibrate the DCA Vantage with new lot number of HA1c reagent cartridge.

Required Materials:

- 1) DCA 2000® Analyzer
- 2) Siemens DCA System® HA1c Reagent Cartridge Kit.
- 3) Siemens DCA Systems Calibration Card from Reagent Cartridge Kit.

PROCEDURE:

| | Action | Related Documents Title Number |
|-----|--|--|
| 1. | DCA Vantage instrument is ON. Display is HOME page. | |
| 2. | Obtain calibration card from the Reagent Kit. <ul style="list-style-type: none"> • <i>Calibration is different for each new lot number.</i> • <i>Values for reagent calibration parameters are encoded on the calibration card.</i> • <i>DCA Vantage will hold up to 16 distinct calibrations for HA1c and Microalbumin/Creatinine.</i> | |
| 3. | Locate the Infra Red dot on the system next to the barcode track. | |
| 4. | Locate the barcode on the calibration card. | |
| 5. | Hold the card so that the barcode faces to the right. | |
| 6. | Insert the Calibration card into the top of the barcode track and hold the back of the Calibration card against the right side of the track. | |
| 7. | Slide the card down past the IR dot. <ul style="list-style-type: none"> • A beep signals a successful scan. • If no beep sounds, repeat the scanning procedure. • If you repeatedly fail to hear a beep, refer to Troubleshooting Guide. |  |
| 8. | To return to the Home screen, select [OK] on the touchscreen. | |
| 9. | To view the calibration data display. <ul style="list-style-type: none"> ○ Select [Recall Menu]. ○ Select HA1c at the calibration data display screen. ○ Choose the calibration data that you want to display. Select [View]. ○ Select [Print]. View current Calibration Data. | |
| 10. | Perform Daily QC Normal and Abnormal Levels. | |
| 11. | Attach HA1c Calibration Data & QC Results to Calibration Record Sheet. | |

REFERENCES:

DCA Vantage Analyzer Operator's Guide REF 06489264 Rev. B,2008-06

REVISION & APPROVAL LOG

| Version | Revision Type | Description of Change | Revision Date | Technical Approval | Medical Approval |
|---------|---------------|---|---------------|--------------------|--------------------|
| 1.0 | | New document | 31 Dec 2013 | Elvira Kozak | Dr. Cathy Halstead |
| 1.1 | Minor | Document title and number change. Upload to QMS document control | 28 Dec 2016 | | Dr. Benjamin Jung |
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