# Applicable Laboratory(s)):

North Carolina Baptist Hospital (NCBH)

Lexington Medical Center (LMC)

Davie Medical Center (DMC)

Wilkes Medical Center (WMC)

High Point Medical Center (HPMC)

Westchester

Clemmons

# Procedure Statement

The purpose of this procedure is to reprogram the Vision Max analyzers for new lots of Alba QC and screening/panel cells.

# Scope

i. Procedure Owner/Implementer: Julie H. Simmons/Christina Warren

ii. Procedure Prepared by: Christina Warren

iii. Who Performs Procedure: Blood Bank Staff/management

# Definitions

1. Procedure: A process or method for accomplishing a specific task or objective.
2. WFBH Lab System: Wake Forest Baptist Lab System is a health system that includes Wake Forest Baptist Medical Center and all affiliated organizations including Wake Forest University Health Sciences (WFUHS), North Carolina Baptist Hospital (NCBH), Lexington Medical Center (LMC), Davie Medical Center (DMC), Wilkes Medical Center (WMC), High Point Medical Center (HPMC), Lab at Westchester and Lab at Clemmons.

# Sections

1. Key Operators
2. General Operators

# Protocol

1. Designated key operators should perform Vision Max analyzer reprogramming.
2. Key operators have the ability to reprogram all tests.
3. If a key operator is not available to perform reprogramming, a general operator can reprogram the analyzers for ABO, ABOF, Buffer Gel Card QC and ABS only. General operators cannot reprogram Ortho Sera QC or Weak D QC.

# Procedure

1. Key Operators

| **STEPS** | **INSTRUCTIONS** |
| --- | --- |
| **1.0** | Log into Vision Analyzer |
| **2.0** | Select “Stop Processing” |
| **5.0** | Select “Setup”   * Vision cannot be running any tests. Once all testing is completed and the vision has stopped processing, the Setup option will be available. |
| **6.0** | **Select “Testing”** |
| **7.0** | 1. Select “Profiles” |
| **8.0** | Select “Show Details”   * **Do NOT delete the Profile** |
| **9.0** | **Select “Show QC Sample”**   * **QC defined for the profile will display** * For ABO, ABOF, ABS, and Weak D, make note of QC vial used. * Determine the QC vial used: Alba QC14875849237589 is vial 1. * The same QC vial with a new lot number will be selected in the following steps. |
| **10.0** | Select and delete each QC sample   * **Do NOT exit from this screen** |
| **11.0** | Once you have deleted the QC, Add QC back |
| **12.0** | Select “Create QC Sample” |
| **13.0** | Select the appropriate type of QC   * User Defined—used for WB Cor QC, DAT QC * Red Cell Reagent—used for Ortho Sera and Weak D * Ortho QC (Alba QC)—used for ABO, ABOF, Buffer Gel, and ABS QC |
| **14.0** | Scan QC Sample ID   * Check Vision notebook for pre-made labels for DAT QC and WB Cor QC. These will not need reprogramming as the barcodes never change but you can use this procedure to “clean up” a cluttered QC screen |
| **15.0** | Select Sample Liquid Type (Centblood, plasma, etc.) |
| **16.0** | Enter Expected Results   * The expected results are known for Ortho QC (using Alba QC). There must be a positive and negative for every test. * For Ortho Sera QC, the positive control must be a heterozygous cell (exceptions: Lewis, P). Try to use screening cells whenever possible as they are already loaded on the machine. Panel A may be used if there is not a heterozygous screening cell in the current lot. |
| **17.0** | Select “Save” |
| **18.0** | Repeat above steps for all QC Samples |
| **19.0** | Select “Back” |
| **20.0** | Select “Resume Processing” |

1. General Operators

| **STEPS** | **INSTRUCTIONS** |
| --- | --- |
| **1.0** | Log into Vision Analyzer |
| **2.0** | Select “QC” tab   * You do not need to stop processing |
| **3.0** | Select QC profile   * Select the whole profile, not the individual tests |
| **4.0** | **Select “Run QC”** |
| **5.0** | 1. Select “Change Ortho QC Sample ID\*” on the left side of the screen |
| **6.0** | Determine the QC vial currently used   * The first number indicates the vial number * Alba QC14875849237589 is vial 1. |
| **7.0** | Scan the new vial number   * Scanning should make both sample ID fields populate |
| **8.0** | Repeat process for all additional tests in the profile to update Alba QC lot numbers |
| **9.0** | Select “Save”   * QC will start running immediately as a STAT test. |

# References

# Related procedures/policies

# Attachments/Linked documents (title 21)

# Revision Dates: Review Change Summary as represented in Title 21.