 Franciscan Health System St. Clare Hospital Lakewood, WA St. Anthony Hospital Gig Harbor, WA St. Elizabeth Hospital Enumclaw, WA St. Francis Hospital Federal Way, WA St. Joseph Medical Center Tacoma, WA	<h1 style="color: blue; margin: 0;">WORK INSTRUCTION</h1>	DOCUMENT NUMBER J-W-UA1032-00
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QUALITY CONTROL OF MICROSCOPIC iQ200		

PURPOSE

To provide work instructions to perform quality control for the microscopic exam on the iQ200.


MATERIALS

1. iQ200 control/focus
2. iQ200 positive control
3. iQ200 negative control
4. Iris system cleaner
5. Iris diluent
6. Barcodes provided with the products
7. Glass 16x100 tubes, **do not use KOVA tubes**
8. QC rack, **do not use a patient rack**

PROCEDURE

1. Control materials should be refrigerated for long-term use and brought to room temperature before using. Once opened, the products can be maintained at room temperature.
2. Perform iQ Focus and quality control once every 24 hours.
3. Handle QC material as follows:
 - The negative control is a particle-free solution. Do Not shake the bottle.
 - Shake the positive iQ control. Hold the bottle upside down and give five hard shakes followed by five gentle inversions. Let the bottle sit about one minute until the air bubbles are dispersed before using.
4. Barcodes are lot specific, you must use the barcode that is provided in the box that goes along with the lot number of control.
5. Place 3 mls of IRIS system cleaner into a tube and place in position 1 of the QC rack.
6. Place 3mls of diluent into each of 2 tubes and place into positions 2 and 3 in the rack. Position 4 of the rack is empty.
7. Place a focus barcode on a tube, add 6ml and place in position 5 of the rack.
8. Place a positive control barcode on a tube. Add 3mls of iQ positive control to the tube and place in position 6 in the rack.

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Related Documents	Forms None	

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9. Place a negative control barcode on a tube. Add 3mls of iQ negative control to the tube and place in position 7 in the rack.

10. See graph below for quick reference.

Position	Insert color	Volume	Contents	Function	Barcode
1	None	3ml	Iris system cleaner	Cleans lines	No
2	Gray	3ml	Iris Diluent	Rinse cleaner from lines	No
3	Gray	3ml	Iris Diluent	Rinse cleaner from lines	No
4	None	Empty			
5	Dark Blue	6ml	iQ Focus	Focuses Camera	Yes
6	Orange	3ml	iQ positive control	Positive lot control	Yes
7	Light Blue	3ml	iQ negative control	Negative lot control	Yes

10. Secondary controls can be run in positions 8 and 9 if there is a new lot of QC to run in parallel to the old lot.

RESULTS

1. All results will go into the database of the IRIS, results will not be found in Cerner.
2. If the results are within the allowable range, the date and time of the QC will appear on the last QC field of the Instrument screen.
3. If results are out of range, the system will go off-line. Click “Go On Line” and rerun the QC.
4. If results continue to be out of range, check the following:
 - a. controls are mixed properly
 - b. make sure the barcodes are correctly placed on the correct reagent or QC.
 - c. correct rack has been used.
 - d. tube placed in the correct position of the rack.
5. If results continue to be out of range, contact IRIS technical services.

REFERENCES

1. iQ Operator’s Manual, 2004.

<p>† CATHOLIC HEALTH INITIATIVES</p> <p>Franciscan Health System</p> <p>St. Clare Hospital Lakewood, WA St. Anthony Hospital Gig Harbor, WA St. Elizabeth Hospital Enumclaw, WA St. Francis Hospital Federal Way, WA St. Joseph Medical Center Tacoma, WA</p>	<p>WORK INSTRUCTION</p>	<p>DOCUMENT NUMBER J-W-UA1032-00</p> <p>Copy ID J</p> <p style="color: red;">Unauthorized use or copying of this document is prohibited by FHS.</p>
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