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|  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;">WORK INSTRUCTION</h1> | DOCUMENT NUMBER J-W-UA1034-02 |
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| PERFORMING DILUTIONS ON THE iQ200 | | |

PURPOSE

To provide instructions for running diluted specimens on the iQ200 Urinalysis instrument.

BACKGROUND

Dilutions may be prepared for the automated microscopic on the iQ200. A dilution is often necessary if the urine is turbid due to an increase in WBC's, RBC's or amorphous. Only specific set-dilution factors may be used. Pre-defined barcode labels are added to the urine tube along with the accession number to identify the dilution.

Note: Dilutions cannot be run on the AX-4280.

MATERIALS

- IRIS Dilution Barcodes (found in drawer underneath instrument)
- IRIS Diluent

PROCEDURE

1. Dilute the specimen with the IRIS diluent using a set dilution from the chart below.
Note: A X3 dilution is one part urine and two parts diluent
2. Place the patient's Cerner barcode below the lip of the sample tube.
3. Choose the correct pre-programmed dilution barcode for the dilution to be used. The current programmed dilutions are posted on the instrument.
4. Place the dilution label below the patient barcode label. Insure that at least 5mm. of white space separates the barcodes. See example located on the front of the iQ200.
4. Place the dilution in a patient rack and run as usual on the iQ200
5. Press START if the instrument is in STANDBY

RESULTS

1. The iQ200 will automatically correct for the dilution according to the label placed on the sample tube. The instrument will multiply results obtained by the dilution and send these results to the IRIS workstation.
2. All results will go onto the worklist for review and acceptance for verification in Cerner.

REFERENCES

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| File:G/ lab manager/docum. Control/Urinalysis/Dilutions.doc | Effective: 4/25/08 | Page 1 of 2 |
| Related Documents | Forms None | |

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| <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-UA1034-02</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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1. iQ200 Operator's Manual, 4.9, 2003.