



UniCel DxI

Access Immunoassay System

Information Update

October 2024

Release Notes

System Software version 7.3.0

This information update (IU) describes UniCel DxI system software behaviors that, unless noted otherwise, are not included in the UniCel DxI software Help. **Results are not affected by these behaviors.**

Information in this IU is applicable to both stand-alone UniCel DxI systems and to UniCel DxI Integrated Workstations*. Be sure that all system operators have an opportunity to review this material. Store this information update with your system documentation for easy reference, and discard any previous versions.

*UniCel DxI 660i, 680i, 860i, and 880i Synchron Access Clinical Systems

Changes to the Release Notes

The applicable software version has been updated from the previous release of this document (D12708-AA).

UniCel DxI System Notes

Unless noted otherwise, the software behaviors described in this section may be experienced on a stand-alone UniCel DxI system or on the DxI system in a UniCel DxI Integrated Workstation.

Description	What you should do
<p>Instrument remains in the Running mode</p> <p>If the utility routine does not run after test requests are processed, the instrument may stay in the Running mode, and additional test requests are not processed. The system may be experiencing this issue if all of the following conditions are true:</p> <ul style="list-style-type: none"> • A Run Completed event is found in the Event Log. • The instrument is in the Running mode. • The message, "Utility Assay in progress" is <i>not</i> seen in the System Status area of the user interface (UI). 	<p>If this happens:</p> <ol style="list-style-type: none"> 1. Make sure the sample status for all requested tests is Done. 2. Press the Stop button on the UI. 3. Initialize the instrument. 4. Request the Utility Routine manually.

UniCel DxI Integrated Workstation Notes

Description	What you should do
<p>DxI system QC information</p> <p>In an integrated system, DxI system QCs should be defined at the workstation console. The DxI system, DxI instrument, and UCTA should be in Standby status, as shown on the workstation Status Line, to make sure that control information is properly displayed on the DxI system UI.</p> <p>If QCs are defined while the systems are not in Standby status, the DxI Edit Control window may display incorrect Mean and SD values. Test results are not affected by this issue, and results displayed on printed reports and in windows and screens other than the DxI Edit Control window are correct.</p>	<p>Beckman Coulter recommends that DxI system control information be reviewed from the workstation console.</p> <p>To prevent this issue, define and edit DxI control information while the systems are in Standby status.</p>
<p>Interleaved 2 of 5 barcode symbology</p> <p>On an integrated system configured to use Interleaved 2 of 5 barcode symbology, samples loaded at the DxI SPU may not run. If this issue occurs, the Sample Manager screen, Exceptions view, will display with the message, "Cannot read tube label" in the Description column.</p>	<ul style="list-style-type: none"> • If possible, run the sample from the CTA. • If you cannot run from the CTA or, if failures continue, contact Technical Support.
<p>Simultaneous sample processing at the UCTA and SPU</p> <p>On an integrated system, some instrument hardware is shared by the UCTA and the DxI system SPU. On rare occasions, when the UCTA and SPU are processing samples simultaneously, the shared hardware may not process some of the samples at the SPU. Affected samples will remain in the Requested status.</p>	<p>If this happens:</p> <ol style="list-style-type: none"> 1. Check the test status in the Result column of the DxI system Test Results screen. 2. For samples with a Requested status, load the sample again. The test is run automatically.
<p>Editing DxI system QC</p> <p>The DxI cannot save changes made to a DxI system QC if the Edit Control window is open on the DxI system UI. An event log message is generated on the DxI system if this occurs.</p>	<p>If this happens, close the Edit Control window on the DxI system. The QC changes made at the workstation console are saved automatically. You may ignore the DxI system event log message.</p> <p>To prevent this issue, leave the DxI system Edit Control window closed while making changes to DxI system QCs on the workstation console.</p>

Description	What you should do
<p>DxC and UCTA status icon on the DxI system user interface</p> <p>The DxC and UCTA status icon on the DxI system UI is periodically refreshed to reflect system status. On occasion, the icon may not reflect current system status.</p>	<p>Beckman Coulter recommends using the workstation console to determine DxC and UCTA status.</p>
<p>Test results displayed on the DxI system</p> <p>Results displayed on or printed from the DxI console in an integrated configuration will be evaluated against the default range when a patient's age is equal to the lower limit of a reference or critical range.</p> <p>For example, if a reference range is established for patients from 1 to 12 years old:</p> <ul style="list-style-type: none"> • For a 1 year old patient, the DxI console and printed reports will display the results of an evaluation of the test result against the default range because the patient's age is equal to the lower limit of the range appropriate for their age. • For a 2 year old patient, the DxI console and printed reports will display the results of an evaluation of the test result against the age-appropriate range because the patient's age is within the reference range and higher than the lower limit. <p>Test results are not affected by this issue, but ORH, ORL, CRH, or CRL flags may be incorrectly applied or incorrectly not applied to the result if the wrong range is used for evaluation.</p>	<p>If age ranges are defined on your system, always review results at the workstation console or the LIS. Ranges and flags are applied correctly in both.</p> <p>NOTE: Stand-alone DxI systems do not exhibit this behavior.</p>

Contact

If you have any questions about this information, or for technical assistance regarding the UniCel DxI Access Immunoassay Systems or the UniCel DxC Synchron Access Clinical System Integrated Workstations:

- In the U.S.A. or Canada, contact Beckman Coulter Technical Support by phone at 1-800-854-3633, or online at www.beckmancoulter.com. Before using online support the first time, you will need to register online.
- Outside the U.S.A. and Canada, contact your local technical support representative.

Be prepared to provide your system ID.

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