

Genexus™ Purification Instrument software 6.4.2

Release Notes

Publication No. MAN0019155 Rev. A.0

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Revision History

Revision	Date	Description
B.0	16 June 2021	Updated release notes for Ion Torrent Genexus™ Purification Instrument software 6.4.2 for Known Issue 894.
A.0	11 May 2021	New release notes for Ion Torrent Genexus™ Purification Instrument software 6.4.2.

Release Notes Overview

This document outlines new features and known issues to be fixed in subsequent releases of Ion Torrent™ Genexus™ Purification Instrument software.

New features in Genexus™ Purification Instrument software 6.4.2

The Genexus™ Purification Instrument automates nucleic acid extraction, purification, and quantitation on a single platform to provide a consistent and efficient workflow solution for NGS sample preparation.

Known issues in Genexus™ Purification Instrument software 6.4.2

Issue number	Issue Summary	Impact and Mitigation ¹
559	When you edit an existing run plan (Select Run Plan ▶ Edit), in rare cases, the elution volume changes to a different value. This change can occur when you tap Edit to open a run plan, even if you do not make any changes to the run plan.	In the rare case when the elution volume is changed, if you do not correct the elution volume, the samples will be eluted at the incorrect volume. When you tap Edit to open an existing run plan, even if you do not make changes, ensure that the elution volume is correct before you tap Save .
625	In the Manage Samples screen, when you deselect extra samples, then edit a sample, all samples are selected again when you return to the Manage Samples screen.	If you do not deselect the samples that you want to remove in the Manage Samples screen after you edit a sample, the run will include more samples than you intend. After you edit a sample, ensure that the correct samples are selected in the Manage Samples screen before you tap Next and proceed to the Purification Run Plan Details screen.
630	In some cases, the software does not display a reason for a purification run failure. The message displayed in this case is Sample prep failed .	In this case, you may not immediately know the reason for a run failure. Contact a Field Service Engineer for troubleshooting help.
672	In rare instances, if the position of the Archive Plate is loaded incorrectly on the deck, the instrument does not detect the incorrect position.	This issue occurs only in rare cases when the Archive Plate is not properly seated on the instrument deck. To avoid this issue, ensure that the Archive Plate is loaded in the correct position and is firmly seated in place.
673	The first time you power on or reboot the instrument (Settings ▶ System Tools ▶ Shut down ▶ Reboot), the instrument vision system does not detect consumables that are loaded on the deck.	This issue only affects the first run when you power on a purification instrument or after an instrument reboot. Mitigation: Perform a UV Clean procedure each time you power on or reboot the purification instrument if there are consumables on deck. When the UV Clean is complete, tap Open , then remove the consumables from the instrument deck and properly dispose of the consumables.

Issue number	Issue Summary	Impact and Mitigation ¹
728	If a run is cancelled or fails while the tip comb is in use by the instrument and you load a new tip comb for the next run, the run fails.	<p>This issue only affects instances of runs that are aborted or fail while the tip comb is in use.</p> <p>If the tip comb remains on the instrument after a run is cancelled or fails, use the following procedure to remove the tip comb.</p> <ol style="list-style-type: none"> 1. Tap Settings ▶ System Tools ▶ UV Clean, then perform a UV Clean of the instrument. 2. When the UV Clean is complete, tap Open to open the instrument door. 3. Remove the tip comb from the instrument. 4. Close the instrument door.
749	To accept the EULA, you must click the down button over 100 times to reach the bottom of the EULA text.	You only need to accept the EULA when you first sign in to the instrument after you upgrade the software.
769	Operator-level users have network settings, system tools, data management, user management, network update, and USB update privileges.	This issue affects all Operator-level users. Contact a Field Service Engineer for guidance.
792	If you lose power during a run and the instrument pipette is in use, the tip comb and other instrument components do not return to the start position when you restart the instrument and tap Run . In this case, you cannot start a run.	<p>This issue only affects runs when the instrument pipette is in use during a power failure.</p> <p>Mitigation procedure:</p> <ol style="list-style-type: none"> 1. Tap Settings ▶ System Tools ▶ UV Clean, then perform a UV Clean of the instrument. 2. When the UV Clean is complete, tap Open to open the instrument door. 3. Remove the pipette tip from the instrument pipette. 4. Close the instrument door. 5. In the home screen, tap Run. <p>The instrument initialization returns the tip comb and other instrument components to the start position.</p>

Issue number	Issue Summary	Impact and Mitigation ¹
794	If a USB update fails, you will not be notified.	When you attempt to update the instrument software from a USB, the message “Install Completed; Please Reboot Now” appears regardless of whether the software update is successful. Tap Instrument Settings > About to view the software version and confirm that the software update is complete.
818	When you reuse a run plan that was created with the FFPE_DNA_RNA_v1 protocol, not all assigned samples are listed in the Manage Samples screen.	This issue occurs only for run plans that are created with the FFPE_DNA_RNA_v1 protocol. For FFPE_DNA_RNA_v1 run plans, do not reuse run plans. You cannot add or edit samples in the Manage Samples screen. Instead, create a new run plan, then add and edit each sample during the run plan creation.
894	If you do not enter the correct password in the Current password field when you attempt to change a password, the software does not notify you that you entered an incorrect password. You can enter a new password in the New password field and tap Done , but the new password is not valid in the Sign In screen that appears. An administrator-level user can access the Change Password screen in two ways. <ul style="list-style-type: none"> • Receive an expired password notification at sign in. • Tap Settings > User management, then select the user of interest, and tap Edit > Change Password. 	This issue occurs only if an administrator-level user enters an incorrect password in the Current password field in the Change Password screen. Mitigation: Enter the correct password in the Change Password screen. <ol style="list-style-type: none"> 1. In the Sign In screen, sign in again with the current password (the password that you intend to change). 2. In the Change Password screen, correctly enter the current password, then enter a new password. Note: If you are an administrator-level user and have forgotten the password, contact a field service engineer for help.
19724	If you connect a Genexus™ Integrated Sequencer to a purification instrument running software version 6.4.2, all sequencer accounts lock.	Do not connect a purification instrument with software 6.4.2 to a sequencer. Integration of the purification instrument and the sequencer is not supported in version 6.4.2.

¹Mitigation is included if applicable.

Package and version information

Release Date	21 June 2021
Release Version	6.4.2

The information in this guide is subject to change without notice.

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16 June 2021