



LabChip® GX/GXII Touch™ Version 1.10 LabChip® GX Reviewer Version 5.8 Software Release Notes

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1. Introduction

The LabChip® GX Touch™ software controls the LabChip® GX Touch™ and LabChip® GXII Touch™ instruments. The LabChip® GX Reviewer software is used to analyze and compare data in the form of virtual gels or electropherograms across LabChip® GX/GXII Touch™ systems.

2. New Features

The following new features that are added and supported in LabChip® GX/GXII Touch™ 1.10 and LabChip® GX Reviewer Version 5.8:

1. New High pI Charge Variant Assay (HT only).
2. New Low pI Charge Variant Assay (HT only).
3. “Chip ID” is included in the “Chip Status” window.
4. A new server mapping diagnostics tools to diagnose network mapping issues in GxP mode.

5. Support of new LabChip® installable assays.

Please visit the PerkinElmer website at <https://www.perkinelmer.com/> for detailed assay user guides and quick guides.

3. Changes

In LabChip® GX Touch™ Version 1.10 and LabChip® GX Reviewer 5.8:

1. In Reviewer GxP mode, we no longer use the port 8003, in order to avoid the conflicts with the new feature Peer cache in Microsoft's SCCM V.1910.

4. Fixes

LabChip® GX Touch™ Version 1.10 and LabChip® GX Reviewer 5.8 have fixed the following major issues:

1. The Small RNA assay version change from v1.0 to v1.1 and include the following changes:
 - a. Change the default dilution factor setting to be 5, which corresponds to our Quick and User manual recommended dilution
 - b. Change the Data Range for the baseline to starts at 10 seconds instead of at 6 seconds
2. Glycan Extended Range demo file is updated with standard samples.
3. Step Time Left for initializing process does not match the actual time remaining if user skips the priming and warming before calibration.
4. Run Info Chip ID information missing or mismatch with priming filename when you run Prime with Run Test Ladder after Prime option.
5. CDR Connection aborted allows user to run assay.
6. The User Admin UI in Reviewer is now usable in 125% display scale.

5. Known issues

This list describes known issues with the LabChip® GX Touch™ software version 1.10 and Reviewer version 5.8. Please read this before reporting new bugs.

Known Issues

Recommended Workaround

LabChip® GX Touch

Display setting issues for secondary monitor. Display mode may change to Extend instead of Clone.

For instruments with LabChip® GX Touch™ ver 1.7 or older: execute the command “displayswitch /clone” at startup to force the display to duplicate on the secondary monitor.

For instruments with LabChip® GX Touch™ ver 1.8 or higher: in the Task Manager Startup tab, enable the “Display Switch” task to start Windows in duplicate

	display mode at startup. Restart instrument.
Disconnect Error during Diagnostics.	To minimize occurrences, do not run any CPU-intensive applications/process including Windows Update or Windows Defender (full scan) while LabChip® GX Touch™ is running. Power down the instrument daily.
System Diagnostics: Random communication error from the Devices leads to failure of the Diagnostic Tests.	Relaunch LabChip® GX Touch™ software and start the Diagnostics Tests again. This issue is very rare.
Time stamp (Date and Time) is missing in the data file name after converting non-GxP to GxP mode	If you don't see the date and time in the data filename, click on the Date and time checkboxes again.
Assays are not displayed in the Prime window when user unload and load the HT Protein/X-Mark chip in a specific scenario	Reselect the Assay Folder again in following steps: 1. Click on the Change Assay Folder button in the Prime screen (See that "Browse For Folder" window is displayed) 2. Click on the OK button in the "Browse For Folder" window (See that assays are displayed in the Select Assay drop down list)
LabChip GX Reviewer	
Windows Installer Package error displays during the GX Reviewer GxP mode installation if installed immediately after uninstalling GX Touch from the control panel.	Only occurs on certain installation order. Install in the following order to avoid this issue: 1. Uninstall LabChip® GX Reviewer from the control panel 2. Uninstall LabChip® GX Touch™ from the control panel 3. Install LabChip® GX Touch™ with GxP mode on the system
Overlay Egram (Export): Graph color automatically changes after exporting Overlay Egram.	None.
Print Dialog: Footer settings are not retained after relaunch the Print dialog.	User needs to enable or disable the footer settings manually.
Export: Export file name is incorrect if there are multiple data files in the Workspace.	Manually rename to the desired filename.
Print to PDF - Out of memory	Use Windows 10 64-bit. This defect only occurs on

error while trying to print 384
well plates.

Windows 10 32-bit.

6. System Requirements

LabChip® GX Touch™ requires a LabChip GX/GXII Touch instrument.

LabChip® GX Reviewer software can be used on a personal computer with following Microsoft Windows Operating Systems:

- Windows® 10 Professional Full Version (64-bit)
- Windows® 10 Enterprise 2016 LTSC
- Windows® 10 Enterprise 2019 LTSC

Minimum RAM: 1GB (2GB recommended)

Minimum free hard drive space: 2 GB

7. Installation Notes

The LabChip® GX Touch™ software 1.10 is pre-installed on new instruments manufactured after October 2020. The LabChip® GX Reviewer software can be installed on additional computers in Reviewer Mode to analyze data files.

Customers with Windows 10 on the instrument can upgrade from LabChip® GX Touch™ software version 1.9 and higher and from LabChip® GX Reviewer software version 5.7 and higher.

To upgrade non-GxP software in the instrument to GxP version, only the Reviewer need to be reinstalled with the GxP option. GxP mode in the Touch application is enabled by the USB dongle.

Both Touch and Reviewer software must be upgraded before using the software; either upgrading software revisions or upgrading to GxP mode software.

8. Support Information

Contact PerkinElmer Technical Support by phone, fax, or e-mail from 8:00AM to 8:00PM Eastern Standard Time.

Telephone (US Toll Free): 800-762-4000

Telephone (Worldwide): +1 203-925-4602

Fax: +1 203-944-4902

E-mail: DxSupportAmericas@perkinelmer.com (Americas)

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