# GeneXpert® Dx 6.5 Software Release Notes

This document contains new information, known limitations, and clarifications not described in the *GeneXpert Dx System Operator Manual.*

## 1. New Features

The latest release includes the following new features or improvements:

- Support for new assays such as Xpert Tropical Fever that support result masking that allow results to be masked per customer's lab policies.
- Enhanced default module selection algorithm and messages informing the user how long until a module becomes available for their scanned cartridge.
- Enhanced time-to-result estimation for certain assays such as Xpert Xpress CTNG

## 2. Resolved Issues

The latest release corrects known issues in previous revisions of the software:

- LIS result uploads of % ratio test results should only show a quantitative result for runs that are positive and in range
- Corrected a software upgrade issue when Dx 5.x systems contain certain Quant1 assays.
- Corrected memory usage issue when trying to generate a Control Trend Report that includes many test runs.
- In certain scenarios, opening the Control Trend Report dialog can cause issues starting new tests for assays such as Xpert SARS Cov-2.
- Correct an issue where multiple connections to LIS could be accepted when GX Dx is configured to run as the server.
- Corrected an issue that could prevent some GXX archive files from being retrieved if the system has previously been upgraded.
- Corrected an issue where some assays such as Xpert Ebola EUA can skip some sample preparation steps.

## 3. Known Issues

### 3.1. Create Test

**Caution:**
Cepheid recommends to always confirm that LIS uploaded results match GeneXpert test results after any changes to the GeneXpert or Host system, including (but not limited to) changes to the following:

- GeneXpert software version

- GeneXpert Assay Definition version

- GeneXpert Host Communication Settings

- Host middleware software or configuration changes

- LIS software or configuration changes

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### 3.2.  Create Test

3.2.1.  Do not scan a barcode into the Patient ID or Sample ID fields in the Create Test dialog box if you have already typed in the field. Scanning a barcode after typing into the field will cause invalid characters to be scanned. To update the Patient ID or Sample ID field, close the Create Test dialog box, select Create Test again, and scan the ID barcode.

3.2.2.  GX Dx 4.6 and higher does not support a combination of BA 4-Plex and BG Duplex Assays.

### 3.3.  Database Conversion

3.3.1.  Database migration issues can be mitigated by performing the following actions:

    3.3.1.1.  Run the installer and select custom install

    3.3.1.2.  On custom install screen select clean database

    3.3.1.3.  Follow on screen instructions to complete the installation of the software.

    3.3.1.4.  Contact Cepheid Technical Support to convert and restore database.

### 3.4.  Localization

3.4.1.  When the GeneXpert software is run in the Russian configuration, file selection dialogs display some text in English instead of being translated into Russian. The affected dialogs are the **Save** dialog during Archive Test, **Open** dialog during Retrieve Test, Database Backup dialog, and **Select File** dialog during Database Restore.

The missing translations are:
"Look In" - "Найти в"
"File Name" - "Имя файла"
"Files of Type" - "Тип файлов"
"Cancel" - "Отменить"
"Open" -"Открыть