

## GeneXpert® Infinity Xpertise 7.0 Software Release Notes

This document contains new information, known limitations, and clarifications which may not be covered in the *GeneXpert Infinity System Operator Manual*.

### New Feature

The latest release includes the following new feature or improvement:

- Xpertise Hybrid Support – Xpertise software version 7.0 is compatible with both 6-color and 10-color GeneXpert modules. The addition of “10-color” labels next to module name on the home page UI of Xpertise application showing which modules are 10-color (if “10-color” is not shown, then the module is a 6-color module).

### 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

### Known Limitations

#### 1 Results

- 1.1 The **Estimated Minutes To Result** field in the **Tests Since Launch** table may not match the **Estimated Minutes To Result** field in the **Perform Self Test** workspace. If the values are different, the value in the **Perform Self Test** workspace is more accurate.

#### 2 Host (LIS) Connectivity and Communication

- 2.1 When leaving the **Manage Host Orders** workspace, the dashboard may incorrectly display elements of the previous workspace. The dashboard buttons remain active despite the incorrect appearance of the dashboard, and restarting the software will correct this display error.

- 2.2 If LIS sends a query to GeneXpert for test results using the ISID provided by GeneXpert, for cases where the same Sample ID was used for multiple tests, the response to the query may be missing some of the test results for that sample ID. This is due to the way GeneXpert provides ISIDs to LIS.
- For ASTM protocol, only one ISID is uploaded from the GeneXpert for all orders that have the same Sample ID.
  - For HL7, unique ISIDs are uploaded from the GeneXpert for each order that has the same Sample ID, but the response does not include sufficient information to allow LIS to associate the unique ISID with a specific test order.
- If test results are missing in response to LIS result query they may be uploaded directly from GeneXpert.

### 3 Manage Assays

- 3.1 If the Kiosk scanner is unavailable in Lot Specific Parameter workspace, the error message “Cartridge barcode length is incorrect. Rescan the cartridge barcode” will display. Select OK on error message and select Import button in Lot Specific Parameter Workspace to manually import the LSP. Contact Technical Support to obtain the correct Lot Specific Parameter.

### 4 Cartridge Barcode Processing

- 4.1 In the **Scan Cartridge Barcode** workspace, leading zeros in the **cartridge serial number** may not be displayed when the cartridge barcode is scanned.

### 5 Emergency Stop

- 5.1 When **resuming operation** after an **emergency stop**, the user may be notified that the shuttle is unavailable; the shuttle may take up to 10 minutes to become available. The user would not be able to order a STAT test until the shuttle becomes available. Normal “non-STAT” tests and workflow would resume immediately. This is as in previous releases.

### 6 Assay Statistics Report

- 6.1 When the **system name** is long, the title of the **Assay Statistics Report** may be obscured by the **system name**. This is as in previous releases.

### 7 Order Test – Manual Mode

- 7.1 When **ordering** and **running** 6-color and 10-color tests alternately in **manual mode**, if the load cartridge page gets stuck with disabled dashboard buttons, then

use the shortcut Control-Alt-Home and press OK to return to the home screen or cancel to exit the dialog box.

## **8 Previous Versions of Windows OS**

- 8.1 Users running Xpertise 6.3 or higher on Windows 7 may observe slow performance or see a System Memory Usage Alert in the Xpertise software when running database tasks.