Aria Software Revision History/ Release Notes (April 2021)

Revision	Release Date	Comments: Enhancements and Corrections

1.8	March 2021	• Enhancement: Ability to automatically hide the low signal "noise" in the log plots view
		• Enhancement: Support for the import/export of LIMS files in csv format
		• Fixed: Analysis Term Setting: Amplification Plot Smoothing GUI not updated when trigger run from post file
		• Fixed: Analysis Term Settings: Threshold fluorescence not updated when reopening an experiment file
		• Fixed: Analysis Term Settings: Cycle range not applied when importing a thermal profile, then switching to a new tab after first data collection
		• Fixed: Analysis Term Settings: Baseline Correction is not applied for a new run when current active tab is not at monitoring run tab
		• AriaDx Firmware: [AriaDx_Firmware_3_1_2012_2202_FPR]
		  o Enhancement: Allow for instrument warmup
		  o Fixed: Genesis.exe error when performing diagnostic tests
		  o Fixed: Instrument warm up message not appearing after instrument health check
		• AriaMx: [AriaMx_Firmware_3_1_2012_2201_FPR]
		  o Enhancement: Allow for instrument warmup
		  o Fixed: Genesis.exe error when performing diagnostic tests
		  o Fixed: Instrument warm up message not appearing after instrument health check
		• Compatibility notice: Please note that this AriaDx firmware (3_1_2012_2202) and AriaMx firmware (3_1_2012_2201) are compatible with software release versions 1.8 and 1.7.1 ONLY. Experiment files with new thermal profile settings (multiple data collection within an Amplification segment or Touch down PCR settings) created by this firmware version is not supported by software release versions prior to 1.7.1.

1.71	November 2019	• Corrected defect discovered in version 1.2 and later which could prevent Cq values being included in the Results Table
1.7	April 2019	• Thermal profiles allow multiple data collection points on different plateaus in the amplification segment • Time and temperature increment settings added to amplification segment in thermal profile setup, which allows for Touch Down PCR • In Relative Quantity Chart, now we will be able to show that selected wells have multiple targets • Added ability to assign amplification plot colors by dye or target • Plate Setup update: Now, sample names remain unchanged when the target names are changed

		• Adaptive Baseline correction: Consistent with prior Aria software release versions 1.3, 1,4, and 1.51, the Adaptive Baseline correction is now the default setting in Aria software release ver. 1.7.
1.6	November 2017	• Import well names from Excel files • Import thermal profiles from existing files • Display Cq values on the analysis screen • Keep row sorting when exporting the Result Table to Excel file • Export chart data in horizontal format • Save graph settings • Show data in Standard Curve plot when Standard well type is filtered • Correct baseline setting in an analysis template
1.51	July 2017	• Corrected defects discovered in version 1.5
1.5	June 2017	• Configure more segments, plateaus and amplification cycles during the thermal profile setup • Save default analysis settings as a template • Generate a report after each validation plate run • Perform multiple column sorting on tabular data • Export data based on column or row option
1.41	May 2017	• Corrected several defects discovered in version 1.4
1.4	November 2016	• Added LIMS support
1.3	August 2016	• Introduced compatibility with Windows 10, 64bit (32 bit not tested) • Fixed a defect that disabled capture of changes to the report files • Mx/Dx mode implementation
1.2	April 2016	• Added the requirement for License Activation to use HRM analysis
1.1	November 2015	Implemented crosstalk reduction between spectrally similar optical cartridges to allow for release of Atto425 cartridge, resolving cartridge overlap with FAM. Fixed 2 defects related to the Electronic Tracking (ET) software
1.0	September 2014	Aria first release