





Coffalyser digitalMLPA™ Release Notes



www.mrcholland.com
Read the instructions for use.

REF Coffalyser digitalMLPA

 MRC Holland BV
Willem Schoutenstraat 1
1057 DL Amsterdam
The Netherlands
info@mrcholland.com
www.mrcholland.com
+31 88 865 72 00

RUO This product is for Research Use Only (RUO).
Not for use in diagnostic procedures.

LOT 2.6.0

General information

Coffalyser digitalMLPA™ is Research Use Only (RUO) software designed for the analysis of digitalMLPA™ data generated using a NXtec™ probemix* as described in the digitalMLPA NXtec Protocol and NXtec-MS Protocol.

* To be used in combination with a NXtec Reagent Kit, one or multiple NXtec Barcode Plates, NXtec-MS Hhal and SDXXX as specified in the Product Description of the application-specific probemix.

Version numbers

Software version 2.6.0

Module versions:

Configuration	2026-05-29 15:30
Data conversion	2026-04-03 03:06
Fragment analysis	2026-04-03 03:06
Comparative analysis	2026-04-03 03:06
Result analysis	2026-04-03 03:06
Reporting	2026-04-03 03:06

Changes in Coffalyser digitalMLPA compared to previous versions

Table 1 Overview of recent releases

			Summary of changes
Releases	v2.6.0	Jun 2026	Minor update to all software modules and configuration items for all products. Configuration files for lot D008-A1-0226 added.
	v2.5.1	Feb 2026	Configuration files for lot D028-A1-1024 added. Configuration files for lots D001-D1-0124, D007-B1-0124 and D024-A1-0125 updated. Minor changes in the configuration module related to Excel reporting.
	v2.5.0	Dec 2025	Major update to all software modules and configuration items for all products. digitalMLPA lots no longer supported: D001-B1-1119, D001-B1-0421, D001-C1-1221, D007-A1-0922.
	v251008.1227	Oct 2025	Product sheets for lots D002-A1-0225 and D024-A1-0125 added. Product sheets for lots D001-D1-0124, D006-A1-1022 and D007-B1-0124 updated. Minor changes in the configuration module related to barcode collections, lot detection and read assignment to improve performance.

Table 2 Overview of changes per probemix lot for recent releases

			Releases			
			v251008.1227	v2.5.0	v2.5.1	v2.6.0
			Oct 2025	Dec 2025	Feb 2026	Jun 2026
Probemix lots	D001	B1-1119	No changes	Not supported ^a	Not supported ^a	Not supported ^a
		B1-0421	No changes	Not supported ^a	Not supported ^a	Not supported ^a
		C1-1221	No changes	Not supported ^a	Not supported ^a	Not supported ^a
		D1-0124	Minor update of product sheet.	Major update	Minor update of configuration files.	Minor update of configuration files.
	D002	A1-0225	New	Major update	No changes	Minor update of configuration files.
	D006	A1-1022	Updated borders in product sheet.	Major update	No changes	Minor update of configuration files.
	D007	A1-0922	No changes	Not supported ^a	Not supported ^a	Not supported ^a
		B1-0124	Updated borders in product sheet.	Major update	Minor update of configuration files.	Minor update of configuration files.
	D008	A1-0226	-	-	-	New
	D024	A1-0125	New	Major update	Minor update of configuration files.	Minor update of configuration files.
	D028	A1-1024	-	-	New	Minor update of configuration files.

^a Please contact MRC Holland at info@mrcholland.com for support.

We recommend to always use the latest version of Coffalyser digitalMLPA that supports your probemix lot. For software and configuration updates in bold, (re)validation is recommended.

For a detailed overview of changes made in previous and/or expired software releases, please consult the Release Notes that are included in the Documentation folder of the corresponding software package, or consult the version history page on www.mrcholland.com.

Software version 2.6.0

Configuration: 2026-05-29 15:30 | Data conversion: 2026-04-03 03:06 | Fragment analysis: 2026-04-03 03:06 | Comparative analysis: 2026-04-03 03:06 | Result analysis: 2026-04-03 03:06 | Reporting: 2026-04-03 03:06.

General software changes**Data analysis**

- Improved memory usage and handling of large FASTQ files.
- Thresholds to trigger a warning or error for unrecognised reads are widened.
- Bug fix: MDRQ cannot trigger a reference probe quality warning on sample level anymore.
- Bug fix: no-consensus check not triggered anymore by a no-DNA sample in combination with a sample with a program error.

Reporting

- Minor textual and lay-out changes.
- Improved plausible root cause determination in Quality Report PDF.
- Charts in Results PDF report are updated for display of many data points, Y-axis label is added and Y-axis intervals are optimised.
- Probe results in the ambiguous range or with 95% confidence range overlap are now displayed with a warning (was error). The term 'inconclusive' is renamed to 'lower conf'.
- Colour formatting of results in Excel reports is updated.
- Any invalid signature now leads to watermark in PDF reports and warning tab in Excel report.
- Coffalyser digitalMLPA version number (Major.Minor.Patch) is added to all reports.

General

- NXtec Barcode Plate lots added to compatible list of probemix lots.

Related to the Coffalyser digitalMLPA Release Notes

- Previous software releases removed.

Probemix-specific information**General**

- Configuration files for all probemix lots modified with minor software update.

D001*D1*

- Change in probe label names in the charts of the Results PDF.
- Change in panel names.

D002*A1*

- Change in probe label names in the charts of the Results PDF.
- Change in panel names.

D006*A1*

- Changes to enable visualisation of all probe results in an overview chart and visualisation of chromosomal arm medians.
- Change in subpanel content.
- Change in panel names.
- Masking disabled.
- Added compatibility with NXtec Barcode Plates 3 and 4.

D007

B1

- Changes to enable visualisation of all probe results in an overview chart.
- Broad copy number profile panel renamed and table removed.
- Masking disabled.
- One probe removed from reporting.

D008

A1

- Configuration files for lot A1-0226 added.

D024

A1

- Changes to enable visualisation of all probe results in an overview chart, removed broad copy number profile.
- Masking disabled.

D028

A1

- No additional changes.