



September 2024

Important Note

Improvements to the QIAsymphony® DSP Circulating DNA Kit Protocols (cat no. 937556)

Dear QIAsymphony User,

At QIAGEN®, we are constantly reviewing the performance, usability, and applications of our portfolio. In this regard, we would like to inform you about two updates:

- A new protocol for 1 mL sample volumes (circDNA_1000_DSP_V1, version 01).
- Updated the protocols for 2 mL and 4 mL sample volumes (circDNA_2000_DSP_V3 and circDNA_4000_DSP_V3, version 3). These are now available for the QIAsymphony DSP Circulating DNA Kit free of charge.

Improvements made to the protocols:

circDNA_1000_DSP_V1: In contrast to 2 mL and 4 mL, the new protocol for 1 mL sample volume allows 192 extractions per reagent cartridge, in total 384 extractions per kit. For a 1 mL sample, we offer the option to use an alternative tube for sample loading. We have also improved the sample flagging. Samples will be flagged “valid” in the result file even if the actual sample volume is below the volume requested by the protocol. Refer to the updated labware list, www.qiagen.com/HB-3034-L02. In this context use of FIX tubes is not required anymore. Equivalence in cfDNA extraction efficiency is confirmed and stays as shown for the 2 mL and 4 mL protocols.

circDNA_2000_DSP_V3 and circDNA_4000_DSP_V3: Concordant to the new 1 mL protocol, we adapted the sample flagging: use of FIX tubes is not available anymore because use of lower sample volume (above 1.4 mL for circDNA 2000 and 3.6 mL for circDNA 4000) results in a valid flag of the affected sample in the result file. The corresponding error code 140043

is still documented in the result file (refer to the updated labware list, www.qiagen.com/HB-3034-L02). Loading less sample volume still results in an invalid flag, and the affected sample stays available for the operator after the run. The adapted sample flagging has no impact on the cfDNA extraction performance.

Labware Package Update

An update of the Labware package installed on the QIASymphony instrument is required to use these new and updated protocols.

Instructions on how to update the protocols can be found in “Section 8” of the *QIASymphony SP/AS – General Description* document (www.qiagen.com/HB-2401).

Updated documents for the Labware List and QIASymphony SP Protocol Sheet can be downloaded from the webpage. The new protocols for the QIASymphony SP instrument are available in the QIASymphony SP Applications package which can be downloaded from the QIASymphony SP/AS instruments product page of the QIAGEN website. The updated Labware package is also available on this page.

It is recommended to replace the version 2 protocols on your QIASymphony instrument by the new version 3 protocols.

We thank you for your continued trust in our products. For any questions, please contact Technical Service or your local sales representative.

Kind regards,
The QIASymphony Team
www.qiagen.com

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