Important Note

Improvements made to your QIAsymphony® DSP Circulating DNA Kit

Dear valued 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:

- Updated the following protocols:
  - 1 mL sample volume: circDNA_1000_DSP_V2, Version 2.
  - 2 mL and 4 mL sample volume: circDNA_2000_DSP_V4 and circDNA_4000_DSP_V4, Version 4.
- New protocols for sample volumes of 6 mL, 8 mL, and 10 mL: circDNA_6000_DSP_V1, circDNA_8000_DSP_V1, and circDNA_10000_DSP_V1, Version 1 are now available for the QIAsymphony DSP Circulating DNA Kit free of charge.

The updated and new protocols are now available for the new QIAsymphony DSP Circulating DNA Kits, designed to accommodate larger sample volumes of 6 mL, 8 mL, and 10 mL, as well as a low throughput of 12 samples per week. The table, next page, outlines the features of the three QIAsymphony DSP Circulating DNA applications.

Kit	QIAsymphony DSP Circulating DNA Kit		QIAsymphony DSP Circulating DNA Maxi Kit
Samples	96	192	192
Cat. no.	937555	937556	937566
Number of reactions	• 96 (2 mL, 4 mL, 6 mL, 8 mL, and 10 mL sample volume) • 192 (1 mL sample volume)	• 96 (2 mL and 4 mL sample volume) • 384 (1 mL sample volume)	• 192 (6 mL, 8 mL, and 10 mL sample volume)
Reagent cartridge	2	2	2
QIAGEN Proteinase K	3 x 10 mL*	6 x 10 mL	13 x 10 mL

* Additional Proteinase K (cat. no. 19134) bottles should be ordered for 6 mL, 8 mL, and 10 mL sample volume to process 96 samples in total.

Updates made to the protocols:

circDNA_1000_DSP_V2: We changed the Liquid Level Detection of Proteinase K to increase the safety of liquid level detection during the extraction run. We switched from pressure liquid level detection (pLLD) to capacity liquid level detection (cLLD).

In addition, we added a new Identification number to allow compatibility of the new QIAsymphony DSP Circulating DNA Kit (96), cat. no. 937555 with the 1 mL protocol. The adapted Liquid Level Detection as well as the new Identification number have no impact on the cfDNA extraction performance.

circDNA_2000_DSP_V3 and circDNA_4000_DSP_V4: Concordant to the updated 1 mL protocol, we changed the Liquid Level Detection of the Proteinase K to increase the safety of liquid level detection during the extraction run. We switched from pressure liquid level detection (pulled) to capacity liquid level detection (cLLD).

In addition, we added a new Identification number to allow compatibility of the new QIAsymphony DSP Circulating DNA Kit (96), cat. no. 937555 with the 2 mL and 4 mL protocol. The adapted Liquid Level Detection as well as the new Identification number have no impact on the cfDNA extraction performance.

circDNA_6000_DSP_V1, circDNA_8000_DSP_V1 and circDNA_10000_DSP_V1: New protocols to address large sample volumes. The cfDNA extraction workflow is based on the updated protocol version circDNA_4000_DSP_V4. The new protocols are compatible with the new kits, QIAsymphony DSP Circulating DNA Kit (96), cat. no. 937555 and QIAsymphony DSP Circulating DNA Maxi Kit (192), cat. no. 937566.

The Performance Characteristics were updated and show equivalence for the three QIAsymphony DSP Circulating DNA Kits and linearity in cfDNA extraction from 1–10 mL sample volume. Updated documents for the Performance Characteristics, Labware List, and QIAsymphony SP Protocol Sheet can be downloaded from the webpage.

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). 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.

It is recommended to replace the previous protocol versions for the 1 mL, 2 mL, and 4 mL protocols on your QIAsymphony instrument with the new versions: 2 (circDNA_1000_DSP_V2) and 4 (circDNA_2000_DSP_V4 and circDNA_4000_DSP_V4) 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