



June 2022

# QIAsymphony<sup>®</sup> DSP Circulating DNA Kit

## Instructions for Use (Labware List)

Sample and eluate tubes/racks that can be used with the QIAsymphony DSP Circulating DNA Kit and QIAsymphony SP instrument (software version 5.0 and higher; labware package SOW-516-8)

Version 2



For In Vitro Diagnostic Use

For use with QIAsymphony DSP Circulating DNA Kit



937556



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R1

Labware List available electronically and can be found under the resource tab of the product page on [www.qiagen.com](http://www.qiagen.com).

## General information

The QIASymphony DSP Circulating DNA Kit is intended for in vitro diagnostic use.

**Important:** Before using this Labware List, confirm that it is consistent with the labware package installed on your QIASymphony system.

### Legend

-  Recommended: These tubes are for use in combination with this protocol.
-  User-defined: User is responsible for defining and/or validating as the user deems appropriate.
-  Not recommended: These tubes are not for use in combination with this protocol.

x/■ Minimum sample volume (μl) required per sample per protocol (denoted by x)/clot detection possible.

x/□ Minimum sample volume (μl) required per sample per protocol (denoted by x)/clot detection not possible.

**Note:** Be aware that other tubes are available that can be used in combination with other QIASymphony Kits, but are not recommended for any protocols that can be used with this kit.

## “Sample” drawer, tube carrier

**Note:** Ensure that you remove swabs before using tubes on the QIAasymphony SP.

Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Protocol	
					circDNA_2000_DSP	circDNA_4000_DSP
BD <sup>*</sup>	14 ml Falcon <sup>®</sup> polystyrene round-bottom tube 17 x 100 mm	352051	BD#352051 FalconPP 17x100	No insert needed	2400 <sup>†</sup> /■	4500 <sup>†</sup> /■
BD <sup>*</sup>	14 ml Falcon polystyrene round-bottom tube 17 x 100 mm	352051	BD_FIX_#352051 FalconPP 17x100	No insert needed	2100 <sup>‡</sup> /□	4100 <sup>‡</sup> /□

\* BD was the previous supplier of this tube, and Corning<sup>®</sup> Inc. is now the new supplier.

<sup>†</sup> Less sample volumes than listed result in “unclear” flagging of samples (error code 140043 **Enable Less Sample mode**). The **Enable Less Sample** mode has been designed to use all available liquid in combination with liquid-level detection and clot detection in case less volume than listed above has been detected during sample transfer (minimum volumes: 1.4 ml for circDNA 2000, 3.6 ml for circDNA 4000). The less pipetted volumes (difference to 2.0 and 4.0 ml starting volume) are displayed in the result file for the affected samples.

<sup>‡</sup> If less sample volume as required for the **Enable Less Sample** mode is available, samples will be flagged “invalid” (error code 140036 **MinPresenceHandling**). The parameter defines the sample volume that has to be detected by the QS instrument to start processing the sample. If less volume is detected, sample will be flagged invalid directly at the beginning of the run and the complete sample volume remains in the sample input tube for a potential repetition of the run after manual adjustment of the filling volume. “Not enough liquid available” is displayed in the result file for the affected samples.

<sup>§</sup> Reduced minimum sample volume (µl) to minimize dead volumes. FIX labware has been designed for this purpose and does not support liquid-level detection or clot detection. FIX sample tubes impose aspiration restrictions; sample is aspirated at a defined height in the tube. This height is defined by the volume of sample to be transferred. Therefore, it is essential to make sure that the volume listed in the table is used.

**Note:** Because insufficient sample volume would not be detected by the system, the system could aspirate air instead of liquid, no or not sufficient sample could be transferred.

**Note:** It is possible to process tubes for use with and without liquid-level detection within the same batch/run.

## “Sample” drawer, tube carrier (proteinase K) slot A

The QIASymphony DSP Circulating DNA Kit contains ready-to-use proteinase K solution.

**Note:** The tubes containing proteinase K are placed in a tube carrier. The tube(s) containing the proteinase K must be placed on positions 1, 2, and/or 3 in slot A of the “Sample” drawer.

**Note:** Preparation of proteinase K volume according to the number of samples is described in the corresponding protocol sheet.

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Sample adapter	Protocol	
						circDNA_2000_DSP	circDNA_4000_DSP
BD*	14 ml Falcon® polystyrene round-bottom tube 17 x 100 mm	352051	BD#352051 FalconPP 17x100	No insert needed	No adapter needed		

\* BD was the previous supplier of this tube and Corning Inc. is now the new supplier.

## “Eluate” drawer

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots†	Protocol	
						circDNA_2000_DSP	circDNA_4000_DSP
QIAGEN	Elution Microtubes CL 96	19588	Deep Well	QIA#19588* EMTR	Elution Microtube Rack QS, 96-wells, cat. no. 9020730 (cooling slot 1)		
Eppendorf®	1.5 ml Eppendorf LoBind Snap Cap Safe-Lock tube	0030108.051	Tube, 1.5 ml	EP#0030108.051* T1.5 Snap Cap	Micro Tube Snap Cap, 24-wells, cat. no. 9020731 (cooling slot 1) †		
Sarstedt®	1.5 ml Micro tube, PP, NON-SKIRTED	72607	Tube, 1.5 ml Adapter V2	SAR#72.607* T1.5 Screw	Micro Tube Screw Cap QS, 24-wells, cat. no. 9020674 (cooling slot 1)		

\* Indicates labware that can be cooled using a cooling adapter with bar code.

† Adapter not automatically transferable and useable on QIA Symphony AS.

For ordering information, visit [www.qiagen.com](http://www.qiagen.com).

## Symbols

The following symbols appear in the instructions for use or on the packaging and labeling:

Symbol	Symbol definition
	Contains reagents sufficient for <N> reactions
	Use by
	This product fulfills the requirements of the European Regulation 2017/746 for in vitro diagnostic medical devices.
	In vitro diagnostic medical device
	Catalog number
	Lot number
	Material number (i.e., component labeling)
	Components
	Contains
	Number
	Global Trade Item Number
Rn	R is for revision of the Instructions for Use and n is the revision number

Symbol	Symbol definition
	Temperature limitation
	Manufacturer
	Consult instructions for use
	Warning/caution
<b>PROTK</b>	Proteinase K
<b>WELL</b>	Well number (i.e., reagent cartridge well)
<b>REAG</b> <b>CART</b>	Reagent cartridge
Sodium azide	Sodium azide
<b>EtOH</b>	Ethanol
<b>UDI</b>	Unique device identifier

## Revision history

Revision	Description
R1, June 2022	<p data-bbox="723 438 1983 486">Version 2, Revision 1</p> <ul data-bbox="723 486 1983 582" style="list-style-type: none"><li data-bbox="723 486 1983 534">• Update to version 2 for compliance to IVDR</li><li data-bbox="723 534 1983 582">• Section “Sample” drawer, tube carrier: Note added for residual risk for use of FIX tubes</li></ul>

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