

December 2020

# Labware List — QIASymphony<sup>®</sup> SP

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

This document is the QIASymphony DSP Circulating DNA Kit, Labware List, Version 3, R2

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## General information

The QIAasymphony 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 QIAasymphony 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 QIAasymphony kits, but are not recommended for any protocols that can be used with this kit.

## “Sample” drawer, tube carrier

Supplier*	Material	Sample catalog number	Name in touchscreen	Insert	Protocol	
					circDNA_2000_DSP_V2	circDNA_4000_DSP_V2
BD*	14 ml Falcon® polystyrene round-bottom tube 17 x 100 mm	352051	BD#352051 FalconPP 17x100	No insert needed	2400 <sup>†</sup> /■	4500 <sup>†</sup> /■
BD*	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® Inc. is now the new supplier.

† Less sample volumes than listed result in “unclear” flagging of samples (error code 140043 “EnableLessSample 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 ml and 4.0 ml starting volume) are displayed in the result file for the affected samples.

‡ 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.

§ 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:** 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 QIAAsymphony DSP Circulating DNA Kit contains ready-to-use proteinase K solution.

**Note:** Tubes containing proteinase K are placed in a tube carrier. The tube(s) containing the proteinase K must be placed on positions 1 and/or 2 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	Sample catalog number	Name in touchscreen	Insert	Protocol	
					circDNA_2000_DSP_V2	circDNA_4000_DSP_V2
BD*	14 ml Falcon polystyrene round-bottom tube 17 x 100 mm	352051	BD#352051 FalconPP 17x100	No insert needed		

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

## “Eluate” drawer

Supplier	Material	Sample catalog number	Category	Name in touchscreen	Adapter on elution slots	Protocol	
						circDNA_2000_DSP_V2	circDNA_4000_DSP_V2
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 QIASymphony AS.

## Revision history

Date	Changes
R1, 06/2020	Release of new software package.
R2, 12/2020	Update to circDNA_2000_DSP_V2 and circDNA_4000_DSP_V2 Addition of “MinPresenceHandling” error.

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

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