

December 2017

# Labware List — QIASymphony<sup>®</sup> DNA Investigator<sup>®</sup> Kit

Sample and eluate tubes/racks that can be used with the QIASymphony DNA Investigator Kit and the QIASymphony SP (software version 5.0; labware package SOW-516-7)




This document is the QIASymphony DNA Investigator Kit *Labware List* R1 for labware package SOW-516-7.

## General information

The QIASymphony DNA Investigator Kit is intended for molecular biology applications. This product is not intended for the diagnosis, prevention, or treatment of a disease.

**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 QIASymphony SP.

Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Protocol	
					Investigator*	Investigator HE (High Efficiency) <sup>†</sup>
Eppendorf	1.5 ml Eppendorf® Safe-Lock Tube	0030 120.086	EP#0030120.086 T1.5 Snap Cap	Insert 5A		
Eppendorf	2.0 ml Eppendorf Safe-Lock Tube	0030 120.094	EP#0030120.094 T2.0 Snap Cap	Insert 5A		
QIAGEN	2 ml QIAGEN® Collection Tube	19201	QIA#19201 Collection	Insert 03/3B		

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“Sample” drawer, tube carrier (continued)

Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Protocol	
					Investigator*	Investigator HE (High Efficiency)†
QIAGEN	2 ml QIAGEN Collection Tube	19201	QIA#19201 Collection	Insert 03/3B		
Sarstedt	1.5 ml Snap Cap Micro tube	72.690	SAR#72.690 T1.5 Snap Cap	Insert 5A		
Sarstedt	2 ml Snap Cap Micro tube	72.691	SAR#72.691 T2.0 Snap Cap	Insert 5A		
Sarstedt	2 ml Micro tube, PP, NON-SKIRTED	72.693	SAR#72.693 T2.0 Screw	Insert 03/3B		
Sarstedt	2 ml Micro tube, PP, SKIRTED	72.694	SAR#72.694 T2.0 ScrewSkirt	Insert 3B		
Sarstedt	2 ml Snap Cap Safe Seal tube	72.695	SAR#72.695 T2.0 Snap Cap	Insert 5A		
Sarstedt	1.5 ml Snap Cap Safe Seal tube	72.706	SAR#72.706 T1.5 Snap Cap	Insert 5A		
Treff	ClickFit 2.0 ml PP tube	96.09329.9.01	TR#96.09329.9.01 T2.0 SnapCap	Insert 5A		

\* Reference, Casework, and Casework ADV protocols.

† Casework HE and Casework ADV HE protocols.

“Sample” drawer, plate carrier

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Sample adapter	Protocol	
						Investigator*	Investigator HE (High Efficiency)†
ABgene	ABgene® 2.2 ml Storage Plate, Mark II	0932	Deep Well	AB#0932 2.2mlSPMarkII	No adapter needed		
QIAGEN	96-well S-block with 2.2 ml wells	19585	Deep Well	QIA#19585 S-Block96	No adapter needed		
Sarstedt	1.5 ml Micro tube, PP, NON-SKIRTED	72.607	Tube 1.5 ml	SAR#72.607 T1.5 Screw	Adapter, tubes, 2 ml		
Sarstedt	2 ml Micro tube, PP, NON-SKIRTED	72.693	Tube 2.0 ml	SAR#72.693 T2.0 Screw	Adapter, tubes, 2 ml		
Sarstedt	2 ml Micro tube, PP, SKIRTED	72.694	Tube 2.0 ml	SAR#72.694 T2.0 ScrewSkirt	Adapter, tubes, 2 ml		

\* Reference, Casework, and Casework ADV protocols.

† Casework HE and Casework ADV HE protocols.

“Eluate” drawer

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots <sup>†</sup>	Protocol	
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>¶</sup>
ABgene	Thermo-Fast® 96 non-skirted	AB-0600	PCR Plate	AB#0600 *PCR96	PCR Plate 96 QS (cooling slot 1) Elution slots 2–4 are not used in this procedure	Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>¶</sup>
ABgene	Thermo-Fast 96 non-skirted, low-profile	AB-0700	PCR Plate	AB#0700 *PCR96 LowPro	PCR Plate 96 QS (cooling slot 1) Elution slots 2–4 are not used in this procedure		
ABgene	Thermo-Fast 96 non-skirted, low-profile	AB-0800	PCR Plate	AB#0800 *PCR96 SkirtLowPro  AB#0800 PCR96 SkirtLowPro	PCR Plate 96 QS (cooling slot 1)  No adapter needed (non-cooling slots 2–3)		
ABgene	ABgene 2D Storage Plate 1.2 ml	AB-1185	Deep Well	AB#AB-1185 *2.0ml2DPlate  AB#AB-1185 2.0ml2DPlate	SBS Universal QS V2 (cooling slot 1)  No adapter needed (non-cooling slots 2–3)		
ABgene	ABgene deep well plate 0.8 ml	AB-0765	Deep Well	AB#0765 *0.8ml StoragePlate  AB#0765 0.8ml Storage Plate	SBS Universal QS V2 (cooling slot 1) <sup>††</sup> No adapter needed (non-cooling slots 2–3)		
Abbott	Abbot® 96 Deep Well Plate	4J7130	Deep Well	ABT#4J7130 DeepWell96 RB	No adapter needed (non-cooling slots 2–3) Elution slot 1 is not used in this procedure		
Corning	Polystyrene Microplate, 96 well, flat bottom	3370	Micro Plate	CO#3370 *MTP96 FB  CO#3370 MTP96 FB	SBS Universal QS V2 (cooling slot 1)  No adapter needed (non-cooling slots 2–3)	‡	‡

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"Eluate" drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots†	Protocol	
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>†</sup>
Corning	Polystyrene Microplate, 96 well, round bottom	3795	Micro Plate	CO#3795 *MTP96 RB	SBS Universal QS V2 (cooling slot 1)	‡	‡
				CO#3795 MTP96 RB	No adapter needed (non-cooling slots 2–3)		
Corning	Polystyrene Microplate, 96 well, v-bottom	3897	Micro Plate	CO#3897 *MTP96 VB	No adapter needed (non-cooling slots 2–3)	‡	‡
				CO#3897 MTP96 VB	SBS Universal QS V2 (cooling slot 1)		
Eppendorf	Eppendorf Deepwell Block 96	951033405	Deep Well	EP#951033405 *Block96	SBS Universal QS V2 (cooling slot 1)	‡	‡
				EP#951033405 Block96	No adapter needed (non-cooling slots 2–3)		
Eppendorf	Eppendorf twin.tec® PCR Plate 96, semi-skirted	0030 128.575	PCR Plate	EP#128.575 *PCR96 SemiSkirt	PCR Plate 96 QS (cooling slot 1) Elution slots 2–4 are not used in this procedure	‡	‡
Eppendorf	Eppendorf twin.tec PCR Plate 96, skirted	128648	PCR Plate	EP#128.648 *PCR96 Skirt	PCR Plate 96 QS (cooling slot 1) Elution slots 2–4 are not used in this procedure		
Eppendorf	1.5 ml Eppendorf LoBind Snap Cap Safe-Lock tube	0030 108.051	Tube 1.5 ml	EP#0030108.051 *T1.5 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>	‡	‡
				EP# 0030108.051 T1.5 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		
Eppendorf	1.5 ml Eppendorf Snap Cap tube	0030 125.150	Tube 1.5 ml	EP#0030125.150 *T1.5 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>	‡	‡
				EP#0030125.150 T1.5 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		

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"Eluate" drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots <sup>†</sup>	Protocol			
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>¶</sup>		
Eppendorf	1.5 ml Eppendorf Snap Cap Safe-Lock tube	0030 120.086	Tube 1.5 ml	EP#0030120.086 *T1.5 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>				
				EP#0030120.086 T1.5 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)				
Eppendorf	2.0 ml Eppendorf Snap Cap Safe-Lock tube	0030 120.094	Tube 2.0 ml	EP#0030120.094 *T2.0 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>				
				EP#0030120.094 T2.0 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)				
Greiner Bio-One	Polystyrene Microplate, 96 well, u-bottom	650161	Micro Plate	GR#650161 *MTP96 RB	96-Well Round Bottom QS (cooling slot 1)	‡	‡		
				GR#650161 MTP96 RB	No adapter needed (non-cooling slots 2–3)				
Micronic	Micronic™ 1.4 TraXis® tube with box	M52621	Deep Well	MIC#M52621 *1.4TraXisTubes	SBS Universal QS V2 (cooling slot 1)				
				MIC#M52621 1.4TraXisTubes	No adapter needed (non-cooling slots 2–3)				
NUNC	Nunc® U96 DeepWell™ Plate1	260252	Deep Well	NU#260252 *DeepWell96 RB	SBS Universal QS V2 (cooling slot 1)				
				NU#260252 DeepWell96 RB	No adapter needed (non-cooling slots 2–3)				
QIAGEN	Elution Microtubes CL 96	19588	Deep Well	QIA#19588 *EMTR	Elution Microtube Rack QS (cooling slot 1)				
				QIA#19588 EMTR	No adapter needed (non-cooling slots 2–3)				

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"Eluate" drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots†	Protocol	
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>§</sup>
QIAGEN	96-well S-block with 2.2 ml wells	19585	Deep Well	QIA#19585 *S-Block96	96-Well Round Bottom QS (cooling slot 1) <sup>††</sup>		
				QIA#19585 S-Block96	No adapter needed (non-cooling slots 2–3)		
QIAGEN	MinElute® 96 UF PCR Purification Plates	28053	Micro Plate	QIA#28053 *MiniElute 96PCR	SBS Universal QS V2 (cooling slot 1) <sup>††</sup>		
				QIA#28053 MiniElute 96PCR	No adapter needed (non-cooling slots 2–3)		
REMP Sample Management	REMP® Plate 96 Tube 300	STBR96-300	Deep Well	RE#STBR96-300 *TubeRack300	SBS Universal QS V2 (cooling slot 1)		
				RE#STBR96-300 TubeRack300	No adapter needed (non-cooling slots 2–3)		
Sarstedt	1.5 ml Snap Cap tube	72.690	Tube 1.5 ml	SAR#72.690 *T1.5 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>		
				SAR#72.690 T1.5 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		
Sarstedt	1.5 ml Snap Cap Safe-Lock tube	72.706	Tube 1.5 ml	SAR#72.706 *T1.5 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>		
				SAR#72.706 T1.5 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		
Sarstedt	2.0 ml Snap Cap tube	72.691	Tube 2.0 ml	SAR#72.691 *T2.0 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>		
				SAR#72.691 T2.0 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		

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"Eluate" drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots†	Protocol	
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>¶</sup>
Sarstedt	2.0 ml Snap Cap Safe-Lock tube	72.695	Tube 2.0 ml	SAR#72.695 *T2.0 Snap Cap	Micro Tube Snap Cap (cooling slot 1) <sup>††</sup>		
				SAR#72.695 T2.0 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		
Sarstedt	2 ml Micro tube, PP, NON-SKIRTED	72693	Tube 2.0 ml / Tube_2.0ml AdapterV1 (no BC)	SAR#72.693 **T2.0 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.693 *T2.0 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.693 T2.0 Screw	24-Tube 1.5/2.0 ml QS (non-cooling slots 2–4)		
Sarstedt	1.5 ml Micro tube, PP, NON-SKIRTED	72607	Tube, 1.5 ml / Tube_1.5ml AdapterV1 (no BC)	SAR#72.607 **T1.5 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.607 *T1.5 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.607 T1.5 Screw	24-Tube 1.5/2.0 ml QS (non-cooling slots 2–4)		
Sarstedt	2 ml Micro tube, PP, SKIRTED	72694	Tube 2.0 ml / Tube_2.0ml AdapterV1 (no BC)	SAR#72.694 **T2.0 ScrewSkirt	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.694 *T2.0 ScrewSkirt	Micro Tube Screw Cap QS (cooling slot 1)		
				SAR#72.694 T2.0 ScrewSkirt	24-Tube 1.5/2.0 ml QS (non-cooling slots 2–4)		

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“Eluate” drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slots <sup>†</sup>	Protocol	
						Investigator <sup>§</sup>	Investigator HE (High Efficiency) <sup>¶</sup>
Starlab	1.5 ml Graduated Conical Tube, Natural Standard Screw Cap	E1415-2231	Tube, 1.5 ml / Tube_1.5ml AdapterV1 (no BC)	SL#E1415-2231 **T1.5 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SL#E1415-2231 *T1.5 Screw	Micro Tube Screw Cap QS (cooling slot 1)		
				SL#E1415-2231 T1.5 Screw	24-Tube 1.5/2.0 ml QS (non-cooling slots 2–4)		
Thermo Scientific	Matrix <sup>®</sup> 2D Barcoded ScrewTop Storage Tubes 500 µl	3744	Deep Well	TS#3744 *2DStorageTubes	SBS Universal QS V2 (cooling slot 1)		
				TS#3744 2DStorageTubes	No adapter needed (non-cooling slots 2–3)		
Thermo Scientific	Matrix 2D Barcoded Storage Tubes 1.4 ml, Flat Bottom Tubes	3711	Deep Well	TS#3711 *1.4ml 2DStorageT	SBS Universal QS V2 (cooling slot 1)		
				TS#3711 1.4ml 2DStorageT	No adapter needed (non-cooling slots 2–3)		
Thermo Scientific	Matrix Storage Tubes 1.4 ml, Round Bottom Tubes	4247	Deep Well	TS#4247 *1.4ml RBStorageT	SBS Universal QS V2 (cooling slot 1)		
				TS#4247 1.4ml RBStorageT	No adapter needed (non-cooling slots 2–3)		
Thermo Scientific	Matrix 2D Barcoded Storage Tubes 500 µl 2D Barcoded, V Bottom Tubes	3734	Deep Well	TS#3734 *0.5ml 2D VBStorageT	SBS Universal QS V2 (cooling slot 1) <sup>††</sup>		
				TS#3734 0.5ml 2D VBStorageT	No adapter needed (non-cooling slots 2–3)		
Treff	ClickFit 2.0 ml PP tube	96.09329.9.01	Tube 2.0 ml	TR#9609329901 T2.0 Snap Cap	Micro Tube Snap Cap (non-cooling slots 2–4)		

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

\*\* Indicates labware that can be cooled using a cooling adapter without bar code (non-transferable and not usable on QIASymphony AS).

† Do not use 96-well plates on "Elution slot 4" because the robotic arm cannot access all positions.

‡ A maximum elution volume of 200 µl can be used with this tube/plate format. If larger elution volumes are required, please select another type of tube/plate.

§ Reference, Casework, and Casework ADV protocols.

¶ Casework HE and Casework ADV HE protocols.

†† Labware that cannot be transferred to or used on QIASymphony AS.

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

## Revision history

Document Revision History	
R1 12/2017	Update for QIASymphony Software version 5.0

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN® kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at [www.qiagen.com](http://www.qiagen.com) or can be requested from QIAGEN Technical Services or your local distributor.

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