

Labware List — QIAasympphony® DSP DNA Kit

Sample and eluate tubes/racks that can be used with the QIAasympphony DSP DNA Mini and Midi Kits and the QIAasympphony SP (software version 4.0; labware package SOW-516-A)

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 QIAasympphony Kits, but are not recommended for any protocols that can be used with this kit.

Sample drawer, tube carrier

Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Protocol						DNA Tissue
					Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	
BD	14 ml Falcon polystyrene round-bottom tube 17 x 100 mm	352051	BD#352051 FalconPP 17x100	No insert needed	500/■	500/■	700/■	1300/■	500/■	700/■	
BD	10 ml Vacutainer whole blood 16 x 100 mm, K2-EDTA	367525	BD#367525 VacutainerPP 16x100	No insert needed	650/■	650/■	850/■	1500/■			
BD	4 ml BD Vacutainer whole blood, K2-EDTA tube 13 x 75 mm*	367839	BD#367839 VacutainerK2 13x75	Insert 01/1A/02	450/□	450/□	650/□	1400/□			
BD	6 ml BD Vacutainer whole blood, K2-EDTA tube 13 x 100 mm*	367864	BD#367864 VacutainerK2 13x100	Insert 01/1A/02	450/□	450/□	650/□	1400/□			

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Labware List — QIAasympphony DSP DNA Kit

Sample drawer, tube carrier (continued)

					Protocol						
Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
BD	2.7 ml BD Citrate, 9NC Tube 13 x 75mm	363095	BD#363095 Vacutainer9NC 13x75	Insert 01/1A/02	400/□	400/□	600/□	1400/□			
BD	BD Microtainer Tubes with Microgard Closure†	365963	BD#365963 MicrotainerTube	Insert 3B	300/□	300/□	500/□				
Greiner Bio-One	GreinerBioOne Vacuette 9NC 13 x 75 mm	454382	GR#454382 Vacuette9NC 13x75	Insert 01/1A/02	400/□	400/□	600/□	1400/□			
Greiner Bio-One	9 ml Vacuette K3-EDTA, 16 x 100 mm	455036	GR#455036 VacuettePP 16x100	No insert needed	650/■	650/■	850/■	1500/■			
Greiner Bio-One	3 ml Vacuette K2-EDTA, 13 x 75 mm	454020	GR#454020 VacuetteK2 13x75	Insert 01/1A/02	450/□	450/□	650/□	1400/□			
Greiner Bio-One	6 ml Vacuette K2-EDTA, 13 x 100 mm	456043	GR#456043 VacuetteK2 13x100	Insert 01/1A/02	450/□	450/□	650/□	1400/□			
Nunc	3.6 ml Nunc CryoTube 12.5 x 72 mm	379189	NU#379189 3.6Cryo 12.5x72	Insert 1A/02	400/□	400/□	600/□	1200/□	400/□	600/□	
Sarstedt	4 ml S-Monovette K2-EDTA, 15 x 75 mm	3.1068.001	SAR#31068001 Monov 15x75	No insert needed	650/■	650/■	850/■	1500/■			
Sarstedt	7.5 ml S-Monovette Lithium-Heparin, 15 x 92 mm	1.1608.001	SAR#11608001 Monov 15x92	No insert needed	650/■	650/■	850/■	1500/■			
Sarstedt	9 ml S-Monovette K2-EDTA, 16 x 92 mm	2.1066.001	SAR#21066001 Monov16x92	No insert needed	650/■	650/■	850/■	1500/■			

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Sample drawer, tube carrier (continued)

					Protocol						
Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
Sarstedt	2.6 ml S-Monovette K2-EDTA, 13 x 65 mm	4.1901.001	SAR#41901001 MonovK2 13x65	Insert 01/1A	450/□	450/□	650/□	1400/□			
Sarstedt	4.9 ml S-Monovette K2-EDTA, 13 x 90mm	4.1931.001	SAR#41931001 MonovK2 13x90	Insert 01/1A	450/□	450/□	650/□	1400/□			
Sarstedt	2.7 ml S-Monovette K3-EDTA, 11 x 66 mm	5.1167.001	SAR#51167001 MonovK3 11x66	Insert 02/2A	400/□	400/□	600/□	1400/□			
Sarstedt	2 ml Micro tube, PP, NON-SKIRTED	72.693	SAR#72.693 T2.0 Screw	Insert 03/3B	300/□	300/□	500/□		300/□	500/□	□
Sarstedt	2 ml Micro tube, PP, SKIRTED	72.694	SAR#72.694 T2.0 ScrewSkirt	Insert 3B	300/□	300/□	500/□		300/□	500/□	□
Sarstedt	1.5 ml Micro tube, PP, NON-SKIRTED	72.607	SAR#72.607 T1.5 Screw	Insert 3B		250/□			250/□		
Sarstedt	3.5 ml Sarstedt tube 66 x 11.5 mm	60.549.001	SAR#60.549.001 T3.5 ScrewSkirt	Insert 02/2A	400/□	400/□	600/□	1200/□	400/□	600/□	
Terumo	9 ml Venosafe tube K2-EDTA, 16 x 100mm	VF-109SDK	TER#VF-109SDK Venosafe 16x100	No insert needed	650/■	650/■	850/■	1500/■			
Terumo	3 ml Venoject tube K3-EDTA, 13 x 75 mm	VT-053STK	TER#VT-053STK VenojectK3 13x75	Insert 1A/02	400/□	400/□	600/□	1400/□			
Terumo	5.5 ml Venosafe tube K2-EDTA, 13 x 100 mm	VF-076SDK	TER#VF-076SDK VenosafeK2 13x100	Insert 1A/02/ 2A	400/□	400/□	600/□	1400/□			

* This tube type may fit loosely in tube insert(s) 01 or 02, which can result in movement of the tubes during sample input. We recommend using tube insert 1A.

† Do not use gel tubes with this labware.

Labware List — QIAsymphony DSP DNA Kit

Sample drawer, tube carrier, FIX labware

To minimize dead volumes, secondary tubes can be used without liquid-level detection. 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 or protocol sheet is used.

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

					Protocol						
Supplier	Material	Example cat. no.	Name in touchscreen	Insert	Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
Sarstedt	2 ml Micro tube, PP, NON-SKIRTED	72.693	SAR_FIX_#72.693 T2.0 Screw	Insert 03/3B		220/□	420/□	1050/□	220/□	420/□	□
Sarstedt	2 ml Micro tube, PP, SKIRTED	72.694	SAR_FIX_#72.694 T2.0 ScrewSkirt	Insert 3B		220/□	420/□	1050/□	220/□	420/□	□

Labware List — QIAasympphony DSP DNA Kit

Eluate drawer

							Protocol						
Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slot 1 (cooled)	Adapter on Elution slots 2–4 (not cooled) [†]	Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
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	No adapter needed							
ABgene	ABgene deep well plate 0.8 ml	AB-0765	Deep Well	AB#0765 0.8ml StoragePlate	Not possible	No adapter needed							
Eppendorf	Eppendorf Deepwell Block 96	951033405	Deep Well	EP#951033405 Block96 / EP#951033405 *Block96	SBS Universal QS V2	No adapter needed							
Micronic	Micronic 1.4 TraXis tube with box	M52621	Deep Well	MIC#M52621 1.4TraxisTubes / MIC#M52621 *1.4TraxisTubes	SBS Universal QS V2	No adapter needed							
NUNC	Nunc U96 DeepWell Plate1	260252	Deep Well	NU#260252 DeepWell96 RB / NU#260252 *DeepWell96 RB	SBS Universal QS V2	No adapter needed							
QIAGEN	Elution Microtubes CL 96	19588	Deep Well	QIA#19588 EMTR / QIA#19588 *EMTR	Elution Microtube Rack QS	No adapter needed							
QIAGEN	96-well S-block with 2.2 ml wells	19585	Deep Well	QIA#19585 S-Block96 / QIA#19585 *S-Block96	96-Well Round Bottom QS	No adapter needed							

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Labware List — QIAasympphony DSP DNA Kit

Eluate drawer (continued)

							Protocol						
Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slot 1 (cooled)	Adapter on Elution slots 2–4 (not cooled) [†]	Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
REMP Sample Management	REMP Plate 96 Tube 300	STBR96-300	Deep Well	RE#STBR96-300 TubeRack300 / RE#STBR96-300 *TubeRack300	SBS Universal QS V2	No adapter needed		‡	‡	‡	‡	‡	‡
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 / SAR#72.693 *T2.0 Screw / SAR#72.693 **T2.0 Screw	Micro Tube Screw Cap QS	24-Tube 1.5/ 2.0 ml QS							
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 / SAR#72.607 *T1.5 Screw / SAR#72.607 **T1.5 Screw	Micro Tube Screw Cap QS	24-Tube 1.5/ 2.0 ml QS							
Sarstedt	2 ml Micro tube, PP, SKIRTED	72694	Tube 2.0 ml / Tube_2.0ml AdapterV1 (no BC)	SAR#72.694 T2.0 ScrewSkirt / SAR#72.694 *T2.0 ScrewSkirt / SAR#72.694 **T2.0 ScrewSkirt	Micro Tube Screw Cap QS	24-Tube 1.5/ 2.0 ml QS							
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 / SL#1415-2231 *T1.5 Screw / SL#1415-2231 **T1.5 Screw	Micro Tube Screw Cap QS	24-Tube 1.5/ 2.0 ml QS							
Thermo Scientific	Matrix 2D Barcodes ScrewTop Storage Tubes 500 µl	3744	Deep Well	TS#3744 2DStorageTubes / TS#3744 *2DStorageTubes	SBS Universal QS V2	No adapter needed							

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Labware List — QIAasympphony DSP DNA Kit

Eluate drawer (continued)

Supplier	Material	Example cat. no.	Category	Name in touchscreen	Adapter on Elution slot 1 (cooled)	Adapter on Elution slots 2–4 (not cooled) [†]	Protocol						
							Virus Blood 200	Blood 200	Blood 400	Blood 1000	Buffy Coat 200	Buffy Coat 400	DNA Tissue
Thermo Scientific	Matrix 2D Barcoded Storage Tubes 1.4 ml, Flat Bottom Tubes	3711	Deep Well	TS#3711 1.4ml 2DStorageT / TS#3711 *1.4ml 2DStorageT	SBS Universal QS V2	No adapter needed							
Thermo Scientific	Matrix Storage Tubes 1.4 ml, Round Bottom Tubes	4247	Deep Well	TS#4247 1.4ml RBStorageT / TS#4247 *1.4ml RBStorageT	SBS Universal QS V2	No adapter needed							

[†] Do not use 96-well plates in “Elution slot 4”, since not all positions can be accessed by the robotic arm.

[‡] This tube/plate format is restricted to a maximum elution volume of 200 µl. If larger elution volumes are required, please select another type of tube/plate.

For ordering information, visit www.qiagen.com/goto/QIAasympphony.

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