

Tubes for internal control-carrier RNA(CARRIER)-Buffer AVE(AVE) mixture that can be used with the QIAasympphony SP (software version 2.1) for user-validated protocols

Material	Supplier	Example cat. no.	Name on QIAasympphony touchscreen	Insert	User-validated protocols							
					Cellfree protocols		Complex protocols					
					Cellfree500_V2	Cellfree200_FIX_V2	Complex200_V4	Complex400_V2	Complex800_V4	Complex200_FIX_V2	Complex400_FIX_V2	Complex800_FIX_V2
17 x 100 mm, 14 ml polystyrene round-bottom test tube	BD	352051	BD#352051 FalconPP 17x100	No insert needed	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*	(n x 120 µl) + 600 µl*
Micro tube 2 ml with cap; Micro tube 2 ml, PP, SKIRTED	Sarstedt	72.694	SAR#72.694 T2.0 ScrewSkirt	Insert 3B	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†
Micro tube 2 ml with cap; Micro tube 2 ml, PP, NON-SKIRTED	Sarstedt	72.693	SAR#72.693 T2.0 Screw	Insert 3B/03	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†	(n x 120 µl) + 360 µl†

* Use this equation to calculate the required volume of internal control mixture (n=number of samples; 120 µl=volume of internal control-carrier RNA(CARRIER)-Buffer AVE (AVE) mixture; 600 µl=void volume required per tube). For example for 96 samples (n=96): (96 x 120 µl) + 600 µl = 12120 µl.

† Use this equation to calculate the required volume of internal control mixture (n=number of samples; 120 µl = volume of internal control-carrier RNA(CARRIER)-Buffer AVE (AVE) mixture; 360 µl = void volume required per tube). For example, for 12 samples (n=12): (12 x 120 µl) + 360 µl = 1800 µl. Do not fill the tube with more than 1.9 ml (i.e., a maximum of 12 samples per tube). If more than 12 samples will be processed use additional tubes, ensuring that the void volume is added per tube.



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