

	qEVsingle Gen 2	qEVoriginal Gen 2	qEVI	qEV2 Gen 2		qEV10 Gen 2	
Optimal Sample Loading Volume	0.15 mL	0.5 mL	1 mL	2 mL		10 mL	
Column Volume	3.0 mL	8.5 mL	13.5 mL	45 mL		69.3 mL	
Buffer Volume	0.7 mL	2.5 mL	4.0 mL	qEV/35 15.9	qEV/70 15.2	qEV/35 23.2	qEV/70 22.9
Flush Volume	6.0 mL	17 mL	27 mL	90 mL		140 mL	
Optimal Fraction Size	0.2 mL	0.5 mL	0.7 mL	2 mL		5 mL	
Buffer required per sample collection	2 mL	7 mL	10 mL	25 mL		50 mL	
Volume of NaOH (0.5 M) for cleaning	NA	8.5 mL	13.5 mL	4 mL		20 mL	
External Length	140 mm	97 mm	97 mm	185 mm		185 mm	
External Width	10 mm	17 mm	17 mm	30 mm		40 mm	
Reusability	No, single use	Yes, up to five times. Clean and refrigerate after use.					
Buffer reservoir required	No	Yes					
Operational Temperature	18-24 °C						
Separation Size	35 nm or 70 nm nominal.						
Buffer Type	All qEV columns come equilibrated in PBS buffer containing 0.05% sodium azide.						
Largest size passable	1 µm						
Top and bottom filter size	20 µm						
pH stability working range	3-13						
pH stability cleaning in place	2-14						
Shelf-life if stored correctly	12 months						