

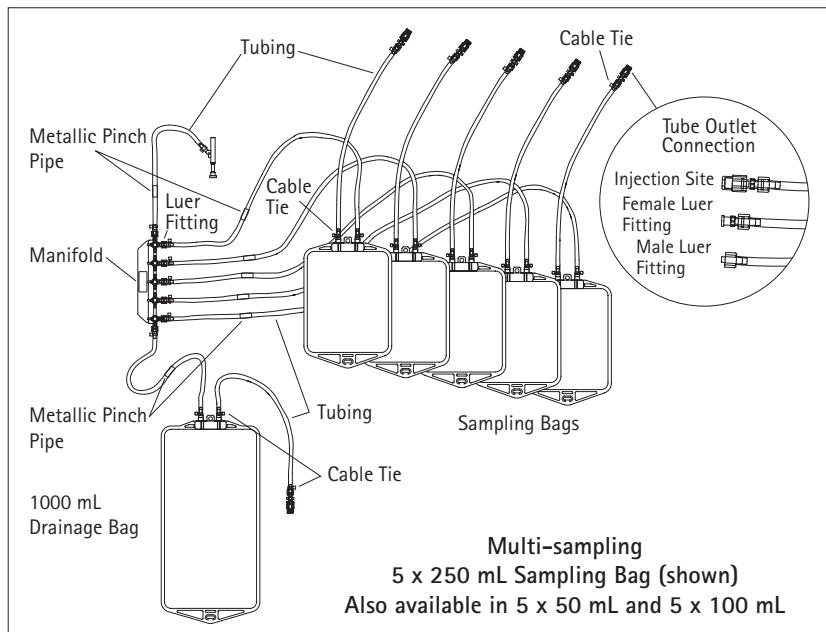
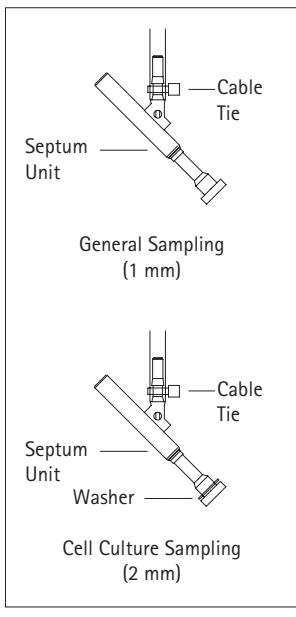
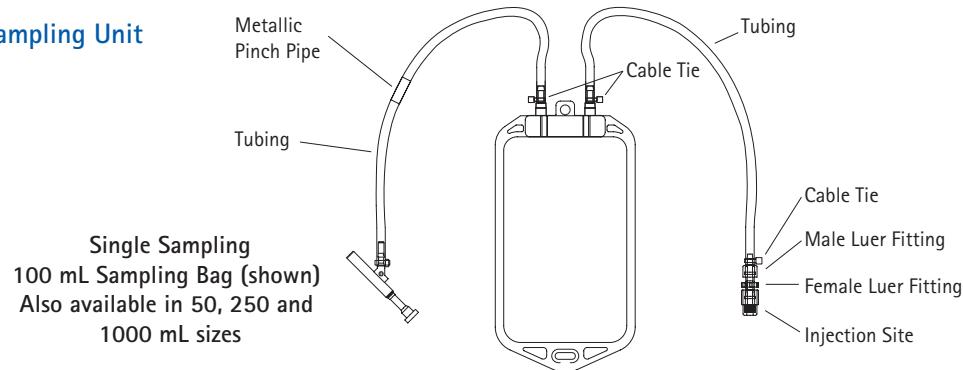
Specification Sheet

NovaSeptum® High Purity Sampling Unit

Product Description

The NovaSeptum® High Purity Sampling Unit is intended for applications where high purity, such as low endotoxin levels, is required. This sampling unit is available with a 1 mm needle for general sampling or a 2 mm needle for cell culture sampling and must be used with a NovaSeptum® holder. For single use only, it is important to note that the needle may only penetrate the septum once to ensure proper sealing. A certificate of quality is included in each box.

NovaSeptum® Sampling Unit Configuration



Specifications

Materials of Construction		Dimensions	
Sampling Bag	PureFlex™ film	Volume	Sampling Bag Dimensions, length x width, mm (in.)
Sampling Bag Fluid Contact Layer	Polyethylene	50	140 x 80 mm (5.5 x 3.1 in.)
Septum	Medical grade platinum-cured silicone	100	150 x 90 mm (5.9 x 3.5 in.)
Septum Body	1 mm green polyester 2 mm blue polyester	250	180 x 130 mm (7 x 5.1 in.)
Septum Cannula	ASTM® 316 L stainless steel	1000	310 x 150 mm (12.2 x 5.9 in.)
Tubing	Medical grade Thermoplastic Elastomer		
Metallic Pinch Pipe	Nickel plated brass		
Male Luer Fitting, Female Luer Fitting	Polycarbonate		
Injection Site	Polycarbonate/Polyisoprene		
Cable Tie	Nylon		
Washer	Stainless steel		
Multi-sampling		Environmental	
Manifold	Polysulfone/Polyethylene	Maximum Bag Pressure Conditions*	0.50 bar up to 250 mL 0.30 bar for 1000 mL and Multi-sampling
Drainage Bag	Polyethylene film/PureFlex film	Operating Temperature	-20 to 50 °C (-4 to 122 °F) Use the NovaSeptum® case (NSF-10100 and NSF-10250) when freezing down to -80 °C.
		Traceability	The product and packaging label includes the catalogue and lot number as well as the expiration date.
		Sterilization	Beta Irradiation (e-beam) minimum 25 kGy according to ISO® 11137
		Component Material Toxicity	All wetted components comply with USP <88> Biological Reactivity Tests for Class VI plastics.
		Endotoxin Level	<2.15 EU/device for all wetted components
		Assembly	This product is manufactured in a clean room environment complying with class 8 according to ISO® 14644-1.
		Packaging	Single sampling units: five sampling units are packaged in one double bag. Five of these double bags are packaged in a single bag. Two of these single bags are packaged in a cardboard box. Multi-sampling units: one sampling unit is packaged in one double bag. Five of these double bags are packaged in a single bag and then in a cardboard box.

To Place an Order or Receive Technical Assistance

In Europe, please call Customer Service:

France: 0825 045 645

Germany: 01805 045 645

Italy: 848 845 645

Spain: 901 516 645 Option 1

Switzerland: 0848 645 645

United Kingdom: 0870 900 4645

For other countries across Europe, please call: +44 (0) 115 943 0840

Or visit www.merckmillipore.com/offices

For Technical Service visit:

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ASTM is a registered trademark of the American Society of Testing and Materials.
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*Do not fill the sampling unit with more than the maximum sample volume. Use the flow rates in the User Guide to determine when the sampling unit is filled.

Ordering Information

NovaSeptum® High Purity Sampling Unit

Sample Volume (mL)	Sampling Unit	Needle Size (mm)	Qty/pk	Catalogue No.
50	Single	1	50	1711-10050
100	Single	1	50	1711-10100
250	Single	1	50	1711-10250
1000	Single	1	50	1711-11000
5 x 50	Multi	1	5	1714-10050
5 x 100	Multi	1	5	1714-10100
5 x 250	Multi	1	5	1714-10250
50	Single	2	50	2711-10050
100	Single	2	50	2711-10100
250	Single	2	50	2711-10250
1000	Single	2	50	2711-11000
5 x 50	Multi	2	5	2714-10050
5 x 100	Multi	2	5	2714-10100
5 x 250	Multi	2	5	2714-10250