Benchmark Scientific

Prefilled Tubes and Bulk Beads: The Right Bead for Every Sample



Wide range of kits available
Variety of bead sizes and types to meet your sample needs

TriplePure™ Quality
Nuclease, Protease and Nucleic Acid free

Prefilled 2.0ml tubes or bulk beads
Convenience of prefilled tubes
Bulk beads for filling your own

Benchmark Scientific's homogenizer bead kits come in a variety of materials and sizes for processing a wide range of samples. Prefilled for convenience, the unskirted 2.0ml tube kits will fit in all popular bead homogenizers including Benchmark Scientific's BeadBug™ and BeadBalaster™ 24. Tested to ensure they are RNase, DNase, protease, and nucleic acid free, the TriplePure Zirconium Bead Kits are supplied in five bead sizes to homogenize everything from bacteria to large tissues. Acid washed silica and stainless steel bead kits as well as specialty bead mixes and bulk beads are also available.

Bead material	Bead Diameter	Prefilled 2.0ml tubes, pk/50	Bulk cat. no./bottle
TriplePure Zirconium	0.1mm	D1032-01	D1132-01TP/250g
TriplePure Zirconium	0.5mm	D1032-05	D1132-05TP/250g
TriplePure Zirconium	1.0mm	D1032-10	D1132-10TP/250g
TriplePure Zirconium	1.5mm	D1032-15	D1132-15TP/250g
TriplePure Zirconium	3.0mm	D1032-30	D1132-30TP/250g
TriplePure Zirconium	0.1, 0.5, 1.0, 1.5, 3.0mm	D1032-SK*	NA
Silica	0.1mm	D1031-01	D1131-01/200g
Silica	0.5mm	D1031-05	D1131-05/200g
Silica	1.0mm	D1031-10	D1131-10/200g
Stainless Steel	2.8mm	D1033-28	D1133-28/1,000 balls
Garnet, Zirconium	Garnet shards/6mm zirconium satellite	D1033-30G	NA
Silica, Zirconium	Mixed size	D1034-MX	NA
Empty tubes, with screw cap and sealing ring, nonskirted, pack of 50			D1031-T20
Empty tubes, with screw cap and sealing ring, nonskirted, pack of 1,000			D1031-T21
BeadBug Bead Homogenizer, three tube capacity			D1030
BeadBlaster 24 Bead Homogenizer 24 tube capacity			D2400

*Starter kit - contains 10 of each size.

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	Bead material	Silica			Zirconium					Steel	Garnet with Zr Satellite	Silica and Zirconium
	Bead diameter	0.1mm	0.5mm	1.0mm	0.1mm	0.5mm	1.0mm	1.5mm	3.0mm	2.8mm	0.5/6mm	Mixed
Animal	Adipose							X				
	Artery							X	X			
	Bone									X		
	Brain							X	X			
	Insect - fly								X	X		
	Insect - Tick								X	X		
	Insect - Mosquito						X	X	X			
	Gonad							X	X			
	Hair								X	X	X	
	Heart							X	X			
	Kidney							X				
	Liver											
	Lung							X	X			
	Muscle								X	X		
	Pancreas							X	X			
	Skin								X		X	
	Spleen							X	X			
	Teeth								X	X		
Microbial	Algae		X			X						
	Bacteria	X	X		X	X						
	Fungi		X	X		X	X					
	Mold		X			X						
	Spores		X	X		X	X					
	Yeast		X	X		X	X					
Plant and Soil	Leaves								X	X		
	Nuts									X		
	Plant, soft tissue								X	X		
	Plant, tough tissue								X	X	X	
	Seeds								X	X		
	Stems								X	X		
	Soil							X				X
	Coral									X		
Fecal	Stool							X				X
	Scat								X	X		X

Above is a partial list of sample types and suggested beads. For additional information and technical support, contact Benchmark Scientific at info@BenchmarkScientific.com.

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