

1.2mL 96 STRIP WELL TUBES



Bulk 96 Strip Well Tubes (No Beads)

Empty 1.2mL strip well tubes. Beads are not included. Strips with 96 tubes are provided in a microtube rack.

TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
1.2mL	Rack of 96 Strip Well Tubes	10 racks	19-696

1.5mL PRE-FILLED BEAD MILL MICROTUBES

For Omni Bead Ruptor Homogenizers



BEAD MEDIA	TUBE SIZE	BEAD SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
Metal	1.5mL	2.4mm	Hard Tissue Grinding Mix	50	19-610
Ceramic	1.5mL	1.4mm	Soft Tissue Homogenizing Mix	50	19-617
	1.5mL	2.8mm	Hard Tissue Homogenizing Mix	50	19-618

1.5mL Tube Specifications

- Polypropylene (PP)
- Retaining cam ensures a secure cap seal
- Wide hinge for easy closure
- Large writing space on lid
- DNase, RNase free (Certified)
- Maximum centrifugation speed of 30,000g
- Autoclave up to 121°C

Treatable Volume:

- Minimum: 20µL, 100µg
- Maximum: 1.5mL, 500mg
- Used with or without buffer

Bead Ruptor 1.5mL Microtube Sample Pack Includes 5 of each of the following pre-filled sample tubes: 1.4mm ceramic beads, 2.8mm ceramic beads, 2.4mm metal beads.

<u>PRODUCT DESCRIPTION</u>	<u>ORDER #</u>
Bead Ruptor Tube Sample Pack	19-61SAMPLE

Bulk 1.5mL Tubes (No Beads)

Empty microtubes. Beads are not included.



TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
1.5mL	Polypropylene microtube; RNase, DNase free	500	19-661
1.5mL	Polypropylene microtube; RNase, DNase free	1000	19-661-1000

2mL & 0.5mL PRE-FILLED BEAD MILL TUBES

For Omni Bead Ruptor Homogenizers

Please use the chart on page 43 to assist you in choosing the best bead tubes for your samples.



BEAD MEDIA	TUBE SIZE	BEAD SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
Glass	2mL	0.1mm	Micro-Organism Lysing Mix	50	19-621
	2mL	0.5mm	Tough Micro-Organism Lysing Mix	50	19-622
Garnet	0.5mL	0.15mm	Small Volume Micro-Organism Lysing Mix	50	19-623
	2mL	0.7mm	Hard & Fibrous Tissue Homogenizing Mix	50	19-624
Carbide	0.5mL	0.25mm	RNA Extractions, Micro-Organism & Soil Homogenizing Mix	50	19-625
Ceramic	0.5mL	1.4mm	Small Volume Soft Tissue Homogenizing Mix	50	19-626
	2mL	1.4mm	Soft Tissue Homogenizing Mix	50	19-627
	2mL	2.8mm	Hard Tissue Homogenizing Mix	50	19-628
Metal	2mL	2.4mm	Hard Tissue Grinding Mix	50	19-620

2mL Tube Specifications

- Polypropylene (PP) nearly transparent
- Non-sterile
- Maximum centrifugation speed of 20,000g

Treatable Volume:

- Minimum: 100µL
- Maximum: 1.8mL
- Used with or without buffer

Bead Ruptor 2mL Tube Sample Pack Includes 5 of each of the following pre-filled sample tubes: 1.4mm ceramic beads, 2.8mm ceramic beads, 0.5mm glass beads, 0.1mm glass beads, 2.4mm metal beads.

<u>PRODUCT DESCRIPTION</u>	<u>ORDER #</u>
Bead Ruptor 2 mL Tube Sample Pack	19-SAMPLE

2mL BEAD MILL TUBES

Bulk 2mL & 0.5mL Tubes (No Beads)

Empty tubes with caps and O-Rings. Beads are not included.



TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
2mL	Non-Reinforced Empty Tubes with Caps	500	19-647
2mL	Reinforced Empty Tubes with Caps	500	19-648
2mL	Reinforced Empty Tubes with Caps	1000	19-649
0.5mL	Non-Reinforced Empty Tubes with Caps	500	19-650

7mL PRE-FILLED BEAD MILL TUBES

For Omni Bead Ruptor 12 and 24 Homogenizers

Please use the chart on page 43 to assist you in choosing the best bead tubes for your samples.



BEAD MEDIA	TUBE SIZE	BEAD SIZE	DESCRIPTION	QUANTITY	UNTREATED*
Metal	7mL	2.4mm	Hard Tissue Grinding Mix	50	19-670
Ceramic	7mL	1.4mm	Soft Tissue Homogenizing Bead Mix	50	19-677
	7mL	2.8mm	Hard Tissue Homogenizing Bead Mix	50	19-678

**7mL Bead Tubes are not RNase/DNase Free*

7mL Tube Specifications

- Polypropylene (PP)
- Screw cap tube ONLY
- Maximum centrifugation speed of 5,000g.
- Autoclave up to 121°C

Treatable Volume:

- Minimum: 1mL, 1g
- Maximum: 5mL, 4g
- Used with or without buffer

It is strongly recommended that Omni 7mL Tubes be used in conjunction with the Bead Ruptor 12 and 24. Our tests have shown that Omni Tubes are the only ones available that are capable of withstanding the power and motion of the Bead Ruptor 12 and 24.

BEAD RUPTOR BEAD MILL HOMOGENIZER

7mL BEAD MILL TUBES

For Omni Bead Ruptor 12 and 24 Homogenizers

7mL BULK KITS – These tubes are not pre-filled with beads



BEAD MEDIA	TUBE SIZE	BEAD SIZE	BEAD QUANTITY	DESCRIPTION	QUANTITY	ORDER NUMBER
Glass	7mL	0.1mm	400g	Empty Tubes with Bulk Micro-Organism Lysing Bead Mix	50	19-654
	7mL	0.5mm	400g	Empty Tubes with Bulk Tough Micro-Organism Lysing Bead Mix	50	19-656
Ceramic	7mL	1.4mm	325g	Empty Tubes with Bulk Soft Tissue Homogenizing Bead Mix	50	19-652
	7mL	2.8mm	325g	Empty Tubes with Bulk Hard Tissue Homogenizing Bead Mix	50	19-653
Metal	7mL	2.4mm	500g	Empty Tubes with Bulk Hard Tissue Grinding Bead Mix	50	19-655

7mL BEAD MILL TUBES

For Omni Bead Ruptor 24 Homogenizer

Bead Ruptor 7mL Tube Sample Pack Includes 2 of each of the following pre-filled sample tubes:
1.4mm ceramic beads, 2.8mm ceramic beads, 2.4mm metal beads.

<u>PRODUCT DESCRIPTION</u>	<u>ORDER #</u>
Bead Ruptor 7mL Tube Sample Pack	19-67SAMPLE



Bulk 7mL Tubes (No Beads)

Empty 7mL sample tubes with caps. Beads are not included.

TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
7mL	Empty Tubes with Caps	500	19-651-500
7mL	Empty Tubes with Caps	1000	19-651

It is strongly recommended that Omni 7mL Tubes be used in conjunction with the Bead Ruptor 12 and 24. Our tests have shown that Omni Tubes are the only ones available that are capable of withstanding the power and motion of the Bead Ruptor 12 and 24.

30mL PRE-FILLED BEAD MILL TUBES

For Omni Bead Ruptor 24 Homogenizer



BEAD MEDIA	TUBE SIZE	BEAD SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
Metal	30mL	2.4mm	Hard Tissue Grinding Mix	50	19-6350
	30mL	2.4mm	Hard Tissue Impaction Grinding Mix with 1/4" Ceramic	50	19-6350Z
Ceramic	30mL	1.4mm	Soft Tissue Homogenizing Mix	50	19-6357
	30mL	1.4mm	Soft Tissue Impaction Homogenizing Mix with 1/4" Ceramic	50	19-6357Z
	30mL	2.8mm	Hard Tissue Homogenizing Mix	50	19-6358
	30mL	2.8mm	Hard Tissue Impaction Homogenizing Mix with 1/4" Ceramic	50	19-6358Z

**30mL Bead Tubes are not RNase/DNase Free*

30mL Tube Specifications

- Polypropylene (PP) nearly transparent
- Non-sterile
- Maximum centrifugation speed of 5,000g

Treatable Volume:

- Minimum: 5mL
- Maximum: 30mL
- Used with or without buffer

30mL BEAD MILL TUBES

For Omni Bead Ruptor 24 Homogenizer

30mL BULK KITS – These tubes are not pre-filled with beads

BEAD MEDIA	TUBE SIZE	BEAD SIZE	BEAD QUANTITY	DESCRIPTION	QUANTITY	ORDER NUMBER
Metal	30mL	2.4mm	500g	Empty Tubes with Bulk Hard Tissue Grinding Mix	50	19-6350K
Ceramic	30mL	1.4mm	325g	Empty Tubes with Bulk Soft Tissue Homogenizing Mix	50	19-6357K
	30mL	2.8mm	325g	Empty Tubes with Bulk Hard Tissue Homogenizing Mix	50	19-6358K

Bead Ruptor 30mL Tube Sample Pack Includes 1 of each of the following pre-filled sample tubes: 2.4mm metal beads, 2.4mm metal beads with 1/4" ceramic, 1.4mm ceramic beads, 1.4mm ceramic beads with 1/4" ceramic, 2.8mm ceramic beads, 2.8mm ceramic beads with 1/4" ceramic.

<u>PRODUCT DESCRIPTION</u>	<u>ORDER #</u>
Bead Ruptor 30mL Tube Sample Pack	19-635SAMPLE



Bulk 30mL Tubes (No Beads)

Empty sample tubes with caps. Beads are not included.

TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
30mL	Empty Tubes with Caps	100	19-6635
30mL	Empty Tubes with Caps	500	19-6635-500



50mL PRE-FILLED BEAD MILL TUBES

For Omni Bead Ruptor 24 Homogenizer

BEAD MEDIA	TUBE SIZE	BEAD SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
Ceramic	50mL	2.8mm	Hard Tissue Homogenizing Mix	50	19-6508

**50mL Bead Tubes are not RNase/DNase Free*

50mL Tube Specifications

- Polypropylene (PP) nearly transparent
- Non-sterile
- Maximum centrifugation speed of 5,000g

Treatable Volume:

- Minimum: 5mL
- Maximum: 50mL
- Used with or without buffer

Bulk 50mL Tubes (No Beads)

Empty 50mL sample tubes with caps. Beads are not included.

TUBE SIZE	DESCRIPTION	QUANTITY	ORDER NUMBER
50mL	Polypropylene microtube; RNase, DNase free	100	19-6650

BULK BEADS

For Omni Bead Ruptor Homogenizers



BEAD MEDIA	BEAD SIZE	QUANTITY	ORDER NUMBER
Glass	0.1mm	400g of Beads: Fills 500 x 2mL Tubes	19-641
	0.5mm	400g of Beads: Fills 500 x 2mL Tubes	19-642
Garnet	0.15mm	500g of Beads: Fills 500 x 2mL Tubes	19-643
	0.7mm	500g of Beads: Fills 500 x 2mL Tubes	19-644
Ceramic	1.4mm	325g of Beads: Fills 500 x 2mL Tubes	19-645
	2.8mm	325g of Beads: Fills 500 x 2mL Tubes	19-646
Metal	2.4mm	500g of Beads: Fills 500 x 2mL Tubes	19-640

Certified RNase/DNase Free

BEAD RUPTOR BEAD MILL HOMOGENIZERS

Please use this chart to assist you in choosing the best bead tubes for your samples.
Ordering information for tubes and accessories is located on pages 32-42



Micro-Organism Lysing Mix
(19-621 & 19-654)

- 0.1mm Glass Beads in 2mL Tubes

Tough Micro-Organism Lysing Mix
(19-622)

- 0.5mm Glass Beads in 2mL Tubes



Small Volume Micro-Organism Lysing Mix
(19-623)

- 0.15mm Garnet Beads in 0.5mL Tubes



Micro-Organism & Soil Homogenizing Mix
(19-625)

- 0.25mm Carbide Beads in 0.5mL Tubes



Soft Tissue Homogenizing Mix
(19-627 & 19-652)

- 1.4mm Ceramic Beads in 2mL Tubes



Hard Tissue Homogenizing Mix
(19-628 & 19-653)

- 2.8mm Ceramic Beads in 2mL Tubes



Hard & Fibrous Tissue Mix
(19-624)

- 0.7mm Garnet Beads in 2mL Tubes



Hard & Dry Tissue Grinding Mix
(19-620 & 19-655)

- 2.38mm Metal Beads in 2mL Tubes

		LYSE / DISRUPT			RNA	HOMOGENIZE			GRIND
		19-621 19-654	19-622	19-623	19-625	19-627 19-652	19-628 19-653	19-624	19-620 19-655
MICROBIAL	Bacteria	✓	✓	✓	✓				
	Yeast		✓	✓	✓	✓			
	Fungi	✓	✓	✓	✓				
	Spores	✓	✓	✓	✓				
ANIMAL	Skin					✓	✓	✓	✓
	Nerves					✓	✓		
	Artery						✓	✓	
	Intestine						✓	✓	
	Tumors						✓	✓	
	Muscle					✓	✓	✓	✓
	Brain					✓	✓	✓	
	Liver					✓	✓	✓	
	Kidney					✓	✓	✓	
	Lung					✓	✓	✓	
	Heart					✓	✓		✓
	Bone						✓		✓
FISH/ INSECTS	Insects					✓	✓		✓
	Zebrafish		✓			✓		✓	
PLANT	Leaves						✓	✓	✓
	Seeds						✓		✓
	Rice						✓		✓
	Wheat						✓		✓
	Stems						✓		✓
	Roots						✓		✓
	Moss					✓	✓		✓
SOIL	Soil				✓	✓	✓	✓	✓
	Sediment				✓	✓		✓	✓

