

Omni Bead Ruptor Lysing Kits

Omni's Bead Ruptor Lysing Kits are the strongest and most versatile available.

Our Lysing Tubes are available in 0.5mL, 2mL, and 7mL sizes and can be used with any type of solvent or buffer.

Each pack contains 50 lysing tubes pre-filled with bead matrix. Available untreated or RNase/DNase free.

SOFT SAMPLES



Ceramic beads 1.4mm

This matrix will provide a quick and reliable homogenization on small and soft animal, plant or human tissues sizes. It is optimal for brain, liver, skin, leaves, gonad etc. For sample volumes under 300mg and 1mL.



Ceramic beads 2.8mm

This matrix will provide a quick and reliable homogenization of hard animal, plant or human tissues. It is optimal for skin, muscle, lung, seeds, rice, leaves, wheat etc. Volumes higher than 300mg and 1mL.

MICROORGANISMS



Glass beads 0.5mm

Tough microorganisms and gram+ bacteria. It is optimal for spores, yeast, mold, algae, listeria, etc.

Glass/Silica beads 0.1mm

Soft microorganisms and gram- bacteria. It is optimal for E-coli, mycobacteria, salmonella, etc.



Carbide beads of 0.25mm

This matrix will provide a quick and reliable lysis when processing microbial RNA and soil RNA.

HARD SAMPLES



Metal beads 2.38mm

(inoydable). This matrix will provide a quick and reliable homogenization of any hard and dry tissue type. It is optimal for hair, teeth, bones, seeds, corn, nail etc.



Garnet beads 0.70mm

This matrix mix can be described as the Universal bead mix containing particles with sharp edge. This matrix will provide a quick and reliable homogenization of tough samples (skin, muscle etc.) and soil.



Visit our Application Database to find the right process for your specific sample types!

www.omni-inc.com/apps



TheHomogenizerCompany.com

		LYSE / DISRUPT		HOMOGENIZE				GRIND	
		Glass beads of 0.1mm	Glass beads of 0.5mm	Ceramic beads of 1.4mm	Ceramic beads of 2.8mm	Garnet beads of 0.7mm	Garnet beads of 0.15 mm	Metal beads of 2.8mm	Carbide 0.25mm
MICROBIAL	Bacteria	✓	✓				✓		✓
	Yeast		✓	✓			✓		✓
	Fungi	✓	✓				✓		✓
	Spores	✓	✓				✓		✓
ANIMAL	Skin			✓	✓	✓		✓	
	Nerves			✓	✓				
	Artery				✓	✓			
	Intestine				✓	✓			
	Tumors				✓	✓			
	Muscle			✓	✓	✓		✓	
	Brain			✓	✓	✓			
	Liver			✓	✓	✓			
	Kidney			✓	✓	✓			
	Lung			✓	✓	✓			
	Heart			✓	✓			✓	
	Bone				✓			✓	
	Hair				✓	✓		✓	
	Cartilage				✓			✓	
Cornea			✓	✓					
FISH INSECTS	Insects			✓	✓				
	Zebrafish		✓	✓		✓			
PLANT	Leaves				✓			✓	
	Seeds				✓			✓	
	Rice				✓			✓	
	Wheat				✓			✓	
	Stems				✓			✓	
	Roots				✓			✓	
	Mousses			✓	✓			✓	
SOIL	Soil			✓	✓	✓		✓	✓
	Sediment			✓		✓		✓	✓