











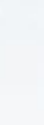




# Lysis Tubes – Application Chart

		Lysis Tube A	Lysis Tube B	Lysis Tube B 2.0	Lysis Tube D	Lysis Tube E	Lysis Tube H	Lysis Tube J	Lysis Tube P	Lysis Tube Q	Lysis Tube S	Lysis Tube T	Lysis Tube W	Lysis Tube X	
															
Bead Material & Tube Size		Glass [µm]		90-150	90-150	90-150									
		Ceramic [mm]	1.4-1.6		1.4-1.6		2.4-2.8			2.4-2.8		0.4-0.6	1.4-1.6	1.4-1.6	0.4-0.6 1.4-1.6
		Steel [mm]			1x3.5			8x3.5	5x4.7		Mandrel			5x3.5	
		Tube size [ml]	2.0	2.0	2.0	0.5	2.0	0.5	2.0	0.5	2.0	2.0	0.5	2.0	2.0
Plant Material	hard	corn					X	X		X					
		seeds					X	X		X					
		wooden plant parts					X	X		X					
		roots					X	X					X		
	medium	stem					X	X					X		
		leaves	X				X	X	X	X			X	X	
		blossom	X				X			X			X	X	
		soft	bone									X			
finger nails										X					
hair										X					
muscle, heart							X						X		
lung							X						X		
kidney						X			X						
liver	X					X			X			X			
brain	X					X			X			X			
Human and Animal Tissue	tough	bone								X					
		finger nails								X					
		hair								X					
	medium	muscle, heart					X						X		
		lung					X						X		
		kidney					X			X					
soft	liver	X				X			X			X			
	brain	X				X			X			X			
	yeast		X	X	X						X		X		
Cells / Microorganisms	fungi		X	X	X						X		X		
	algae		X	X	X						X		X		
	bacteria		X	X	X						X		X		
	spores			X									X		
	soil			X									X		
Complex Sample	feces										X		X		