





PRODUCT INFORMATION : USAGE LIMITS OF PRECELlys® LYSING KITS

/ USAGE LIMITS OF LYSING KITS WITH PRECELlys® EVOLUTION TOUCH

Tube size	Designation	Cat No.	DRY GRINDING		LIQUID GRINDING		
			Max speed	Max cycle	Max speed	Max cycle	Max vol.
 15 ml	Hard tissue homogenizing CK28	P000947-LYSK0-A.0	8 500 rpm	2 x 30 s	9 000 rpm	3 x 30 s	9 mL
	Tissue grinding CKMix50	P000949-LYSK0-A.0					
	Dry hard tissue grinding CK68	P000950-LYSK0-A.0	6 500 rpm	1 x 30 s	Dry only	Dry only	
	Bacteria lysing CK01	P000948-LYSK0-A.0	10 000 rpm	2 x 30 s	9 000 rpm	3 x 30 s	8 mL
	Bacteria lysing VK05	P000961-LYSK0-A.0					
 7 ml	Micro-organisms lysing VKMix	P000937-LYSK0-A.0	9 100 rpm	10 x 30 s	8 800 rpm	3 x 30 s	5 mL
	Micro-organisms lysing CK01	P000938-LYSK0-A.0					
	Soil grinding SK38	P000936-LYSK0-A.0					
	Soft tissue homogenizing CK14	P000940-LYSK0-A.0					
	Hard tissue homogenizing CK28	P000935-LYSK0-A.0					
	Tissue grinding CKMix50	P000939-LYSK0-A.0	8 200 rpm	5 x 30 s	9 000 rpm	3 x 30 s	5 mL
 2 mL	Soil grinding SK38	P000915-LYSK1-A.0	10 000 rpm	10 x 30 s	9 000 rpm	10 x 30 s	800 µL
	Micro-organisms lysing VK01	P000914-LYSK1-A.0	10 000 rpm	10 x 30 s	10 000 rpm	10 x 30 s	
	tough micro-organisms lysing VK05	P000913-LYSK1-A.0	10 000 rpm	10 x 30 s	10 000 rpm		
	Bacteria lysing CK01	P000919-LYSK0-A.0					
	Sample grinding GK60	P000924-LYSK0-A.0	Liquid Only	Liquid Only			
	Soft tissue homogenizing CK14	P000912-LYSK1-A.0	10 000 rpm	10 x 30 s			
	Tissue homogenizing CKMix	P000918-LYSK1-A.0	8 800 rpm				
	Hard tissue homogenizing CK28	P000911-LYSK1-A.0	10 000 rpm				
	Hard tissue homogenizing CK28-R	P000916-LYSK0-A.0	10 000 rpm				
	Tissue grinding CKMix50-R	P000922-LYSK0-A.0	8 800 rpm	8 800 rpm	10 x 30 s		
	Dry hard tissue grinding CK68-R	P000923-LYSK0-A.0	6 800 rpm	3 x 30 s	Dry only		Dry only
	Hard tissue grinding MK28	P000910-LYSK1-A.0	8 800 rpm	10 x 30 s	9 000 rpm		10 x 30 s
	Hard tissue grinding MK28-R	P000917-LYSK0-A.0			10 000 rpm		
 0.5 ml	Soft tissue homogenizing CK14_0.5 ml	P000933-LYSK0-A.0	9500 rpm	10 x 30 s	9500 rpm	10 x 30 s	300 µL
	Tough micro-organism lysing VK05_0.5 ml	P000934-LYSK0-A.0					
 96 WP 300 µL	Tissue homogenizing CK14_WP	P002137-LYSK0-A.0	Liquid only	Liquid only	8 500 rpm	10 x 30 s	120 µL

*All tubes are compatible with Cryolys Evolution



/ USAGE LIMITS OF LYSING KITS WITH PRECELLYS® 24 TOUCH

Tube size	Designation	Cat No.	DRY GRINDING		LIQUID GRINDING			
			Max speed	Max cycle	Max speed	Max cycle	Max vol.	
0.5 ml	Soft tissue homogenizing CK14_0.5 ml	P000933-LYSK0-A.0	6000 rpm	2 x 30 s	6000 rpm	10 x 30 s	300 µL	
	Tough micro-organism lysing VK05_0.5 ml	P000934-LYSK0-A.0						
2mL	Soil grinding SK38	P000915-LYSK1-A.0	5 800 rpm	10 x 30 s	5 800 rpm	10 x 30 s	800 µL	
	Micro-organsims lysing VK01	P000914-LYSK1-A.0	6 000 rpm		6 000 rpm			
	tough micro-organisms lysing VK05	P000913-LYSK1-A.0						
	Bacteria lysing CK01	P000919-LYSK0-A.0						
	Soft tissue homogenizing CK14	P000912-LYSK1-A.0						
	Tissue homogenizing CKMix	P000918-LYSK1-A.0						
	Hard tissue grinding MK28	P000910-LYSK1-A.0						
	Hard tissue homogenizing CK28	P000911-LYSK1-A.0	5 800 rpm		5 800 rpm		1.2 ml	
	Sample grinding GK60	P000924-LYSK0-A.0	Liquid Only		Liquid Only			6 000 rpm
	Hard tissue homogenizing CK28-R	P000916-LYSK0-A.0	6 800 rpm		6 800 rpm			
	Tissue grinding CKMix50-R	P000922-LYSK0-A.0	6 500 rpm					
	Hard tissue grinding MK28-R	P000917-LYSK0-A.0	6 500 rpm					
Dry hard tissue grinding CK68-R	P000923-LYSK0-A.0	5 000 rpm	3 x 30 s	Dry only	Dry only			

/ USAGE LIMITS OF LYSING KITS WITH MINILYS

Tube	Designation	Cat No.	DRY GRINDING		LIQUID GRINDING		
			Max speed	Max cycle	Max speed	Max cycle	Max vol.
2mL & 7ml	There is no specific use limitations of 2mL and 7ml Precellys lysing kits used with Minilys						

*Limits defined with tubes containing samples
Do not shake tubes containing beads only * Do not freeze the tubes before use

/ TUBE SELECTION GUIDE

SAMPLE SIZE RANGE						
Tube Size	10mg	20 mg	200 mg	2 g	4 g	45 g
0.5 ml	1 mg – 19 mg					
2 ml	20 mg – 200 mg					
7ml	200 mg – 2 g					
15 ml	2 g – 4 g					
50 ml	4 g – 45 g					

