



USAGE LIMITS OF PRECELLYS® LYSING KITS

/ Usage limits of lysing kits with Precellys® Evolution

Tube	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	9 300 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	9 300 rpm	3 x 30 s	
	Bacteria lysing VK05	P000961-LYSK0-A.0					
7 ml	Tissue Homogenizing CK28	P000935-LYSK0-A.0	9 100 rpm	10 x 30 s	8 800 rpm	3 x 30 s	5 mL
	Soil grinding SK38	P000936-LYSK0-A.0					
	Micro-organisms lysing VKMix	P000937-LYSK0-A.0					
	Microorganisms lysing CK01	P000938-LYSK0-A.0					
	Soft tissue homogenizing CK14	P000940-LYSK0-A.0					
	Tissue grinding CKMix50	P000939-LYSK0-A.0	8 200 rpm	5 x 30 s			
2mL	Micro-organisms lysing VK01	P000914-LYSK0-A.0	10 000 rpm	10 x 30 s	10 000 rpm	10 x 30 s	1,2 mL
	tough micro-organisms lysing VK05	P000913-LYSK0-A.0					
	Bacteria lysing CK01	P000919-LYSK0-A.0					
	Soil grinding SK38	P000915-LYSK0-A.0					
	Sample grinding GK60	P000924-LYSK0-A.0	Liquid Only	Liquid Only			
	Soft tissue homogenizing CK14	P000912-LYSK0-A.0	10 000 rpm	10 x 30 s			
	Tissue homogenizing CKMix	P000918-LYSK0-A.0	8 800 rpm				
	Hard tissue homogenizing CK28	P000911-LYSK0-A.0	10 000 rpm				
	Hard tissue homogenizing CK28-R	P000916-LYSK0-A.0	8 800 rpm		8 800 rpm	10 x 30 s	
	Tissue grinding CKMix50-R	P000922-LYSK0-A.0	8 800 rpm				
	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-LYSK0-A.0	8 800 rpm	10 x 30 s	8 800 rpm	10 x 30 s	
	Hard tissue grinding MK28-R	P000917-LYSK0-A.0					
96 WP 300 µL	Tissue homogenizing CKMix	P000959-LYSK0-A.0	Liquid only	Liquid only	8 500 rpm	10 x 30 s	120 µL

/ Usage limits of lysing kits with Precellys® 24 / Dual

Tube	Designation	Cat No.	Dry Grinding		Liquid Grinding		
			Max speed	Max cycle	Max speed	Max cycle	Max vol.
7 ml	Limitations for all 7 mL Precellys Lysing kit		5 500 rpm	3 x 40 s	5 500 rpm	3 x 40 s	5 mL
			6 000 rpm	3 x 30 s	6 000 rpm	3 x 30 s	5 mL
			6 500 rpm	2 x 30 s	6 500 rpm	2 x 30 s	5 mL
2mL	There is no specific use limitations of 2mL Precellys lysing kits used with Precellys24 or Precellys24-Dual. However, it is highly recommended to use 2mL reinforced Precellys lysing kit when the speed exceed 6000 rpm						

*Limits defined with tubes containing samples
Do not shake tubes containing beads only

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