



USAGE LIMITS OF PRECELLYS® LYSING KITS

/ Usage limits of lysing kits with Precellys® Evolution



			Dry Grinding		Liquid Grinding						
Tube	Designation	Cat No.	Max speed	Max cycle	Max speed	Max cycle	Max vol.				
15 ml	Hard tissue homogenizing CK28	KT03961-1-502.15	8 500 rpm	2 x 30 s	9 300 rpm	3 x 30 s	9 mL				
	Tissue grinding CKMix50	KT03961-1-513.15									
	Dry hard tissue grinding CK68	KT03961-1-514.15	6 500 rpm	1 x 30 s	Dry only	Dry only					
	Bacteria lysing CK01	KT03961-1-510.15	10 000 rpm	2 x 30 s	9 300 rpm	3 x 30 s					
	Bacteria lysing VK05	KT03961-1-504.2									
7 ml	Micro-organisms lysing VKMix	KT03961-1-304.7	9 100 rpm	10 x 30 s	8 800 rpm	3 x 30 s	5 mL				
	Micro-organisms lysing CK01	KT03961-1-305.7									
	Soil grinding SK38	KT03961-1-303.7									
	Soft tissue homogenizing CK14	KT03961-1-307.7									
	Hard tissue homogenizing CK28	KT03961-1-302.7									
	Tissue grinding CKMix50	KT03961-1-306.7	8 200 rpm	5 x 30 s							
2mL	Micro-organsims lysing VK01	KT03961-1-005.2	10 000 rpm	10 x 30 s	10 000 rpm	10 x 30 s	1,2 mL				
	tough micro-organisms lysing VK05	KT03961-1-004.2									
	Bacteria lysing CK01	KT03961-1-010.2									
	Soil grinding SK38	KT03961-1-006.2									
	Sample grinding GK60	KT03961-1-015.2	Liquid Only	Liquid Only	10 000 rpm	10 x 30 s					
	Soft tissue homogenizing CK14	KT03961-1-003.2	10 000 rpm	10 x 30 s							
	Tissue homogenizing CKMix	KT03961-1-009.2	8 800 rpm								
	Hard tissue homogenizing CK28	KT03961-1-002.2	10 000 rpm								
	Hard tissue homogenizing CK28- R	KT03961-1-007.2	10 000 rpm	8 800 rpm	10 x 30 s						
	Tissue grinding CKMix50- R	KT03961-1-013.2	8 800 rpm								
	Dry hard tissue grinding CK68- R	KT03961-1-014.2	6 800 rpm	3 x 30 s	Dry only	Dry only					
	Hard tissue grinding MK28	KT03961-1-001.2	8 800 rpm	10 x 30 s	8 800 rpm	10 x 30 s					
	Hard tissue grinding MK28- R	KT03961-1-001.2									
96 WP 300 µL	Tissue homogenizing CKMix	KT03961-1-709.WP	Liquid only	Liquid only	8 500 rpm	10 x 30 s	120 µL				

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



			Dry Grinding		Liquid Grinding		
Tube	Designation	Cat No.	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