

Usage limits of Precellys® lysing kits with Precellys® Evolution

Tube Vol	Designation	Cat. No.	Max. volume	Max. Speed	Max. nb of cycles	Max. time of cycle	Recom. Break
15mL	Dry hard tissue grinding CK68_15mL	KT03961-1-514.15	9 mL	7700 rpm	5	30 s	30 s
	Hard tissue homogenizing CK28_15mL	KT03961-1-502.15		9300 rpm	3		
	Bacteria lysing CK01_15mL	KT03961-1-510.15		9300 rpm	3		
7mL	Hard tissue homogenizing CK28_7mL	KT03961-1-302.7	5 mL	8800 rpm	3	30 s	30 s
	Soft tissue homogenizing CK14_7mL	KT03961-1-307.7					
	Soil grinding SK38_7mL	KT03961-1-303.7					
	Micro-organisms lysing VKMix_7mL	KT03961-1-304.7					
	Micro-organisms lysing CK01_7mL	KT03961-1-305.7					
	Tissue grinding CKMix50_7mL	KT03961-1-306.7					
2mL	Hard tissue grinding MK28_2 mL	KT03961-1-001.2	1.2 mL	8800 rpm	10	30 s	30 s
	Tissue homogenizing CKMix_2mL	KT03961-1-009.2		10000 rpm			
	Hard tissue homogenizing CK28-R_2mL	KT03961-1-007.2		10000 rpm			
	Hard tissue homogenizing CK28_2mL	KT03961-1-002.2		10000 rpm			
	Soft tissue homogenizing CK14_2mL	KT03961-1-003.2		10000 rpm			
	Soil grinding SK38_2mL	KT03961-1-006.2		10000 rpm			
	tough micro-organisms lysing VK05_2mL	KT03961-1-004.2		10000 rpm			
	Micro-organisms lysing VK01_2mL	KT03961-1-005.2		10000 rpm			
	Bacteria lysing CK01_2mL	KT03961-1-010.2		10000 rpm			
	CKMix50-R	KT03961-1-013.2		8800 rpm			

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

Tube Vol	Designation	Cat. No.	Max. volume	Max. Speed	Max. nb of cycles	Max. time of cycle	Recom. Break
7mL	Limitations for all 7mL Precellys lysing kit		5 mL	5500 rpm	3	40 s	30 s
				6000 rpm	3	30 s	
				6500 rpm	2	20 s	
2mL	There is no specific usage limits of 2mL Precellys® lysing kits used with Precellys® 24 / Dual. However, we highly recommend to use 2mL reinforced Precellys® lysing kits when the speed exceeds 6000 rpm						

Usage limits of Precellys® lysing kits

DRY GRINDING

**DRY
GRINDING**

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Tube Vol	Designation	Cat. No.	Max. Speed	Max. nb of cycles	Max. time of cycle	Recom. Break
15mL	Dry hard tissue grinding CK68_15mL	KT03961-1-514.15	9300 rpm	1	30 s	30 s
	Hard tissue homogenizing CK28_15mL	KT03961-1-502.15	10000 rpm	2		
	Bacteria lysing CK01_15mL	KT03961-1-510.15	10000 rpm	2		
7mL	Hard tissue homogenizing CK28_7mL	KT03961-1-302.7	9100 rpm	10	30 s	30 s
	Soft tissue homogenizing CK14_7mL	KT03961-1-307.7				
	Soil grinding SK38_7mL	KT03961-1-303.7				
	Micro-organisms lysing VKMix_7mL	KT03961-1-304.7				
	Micro-organisms lysing CK01_7mL	KT03961-1-305.7	8200 rpm	5		
	Tissue grinding CKMix50_7mL	KT03961-1-306.7				
2mL	Hard tissue grinding MK28_2 mL	KT03961-1-001.2	8800 rpm	10	30 s	30 s
	Tissue homogenizing CKMix_2mL	KT03961-1-009.2	7100 rpm	3		
	Hard tissue homogenizing CK28-R_2mL	KT03961-1-007.2	8800 rpm	10		
	Hard tissue homogenizing CK28_2mL	KT03961-1-002.2	10000 rpm			
	Soft tissue homogenizing CK14_2mL	KT03961-1-003.2	10000 rpm			
	Soil grinding SK38_2mL	KT03961-1-006.2	10000 rpm			
	tough micro-organisms lysing VK05_2mL	KT03961-1-004.2	10000 rpm			
	Micro-organsims lysing VK01_2mL	KT03961-1-005.2	10000 rpm			
	Bacteria lysing CK01_2mL	KT03961-1-010.2	10000 rpm			
	CKMix50-R	KT03961-1-013.2	8800 rpm			

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

Tube Vol	Designation	Cat. No.	Max. Speed	Max. nb of cycles	Max. time of cycle	Recom. Break
7mL	Limitations for all 7mL Precellys lysing kit		5500 rpm	3	40 s	30 s
			6000 rpm	3	30 s	
			6500 rpm	2	20 s	
2mL	There is no specific usage limits of 2mL Precellys® lysing kits used with Precellys® 24 / Dual. However, we highly recommend to use 2mL reinforced Precellys® lysing kits when the speed exceeds 6000 rpm					

For more details, please contact info@precellys.com