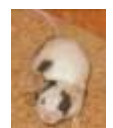


# Choose the Precellys lysing kit for your samples!



		LYSE !				HOMOGENIZE !			GRIND !	
		VK01	VK05	VK01-05	CK01	CK14	CK28	CKMix	MK28	Soil Mix
MICROBIAL	human cells	✓	✓	✓	✓					
	gram+	✓	✓	✓	✓					
	gram-	✓	✓	✓	✓					
	bacteria	✓	✓	✓	✓					
	yeast		✓	✓	✓					
	fungi		✓	✓	✓					
	spores		✓	✓	✓					
ANIMAL	brain					✓		✓		
	liver					✓		✓		
	kidney					✓		✓		
	ear					✓	✓	✓		
	lung					✓	✓	✓		
	heart					✓	✓	✓		
	spleen					✓	✓	✓		
	tail							✓		
	cornea						✓	✓		
	artery						✓	✓		
	colon						✓	✓		
	intestine						✓	✓		
	pancreas						✓	✓		
	muscle						✓	✓	✓	
	skin						✓	✓	✓	
	spincor								✓	
bone								✓		
teeth								✓		
hair								✓		
PLANT	leaves					✓	✓			✓
	arabidopsis					✓	✓			✓
	seeds						✓		✓	✓
	corn						✓		✓	✓
	nuts						✓		✓	✓
	rice								✓	✓
wheat								✓	✓	
SOIL	soil									✓
	fecal									✓
	sediment									✓

CAT.NO.	DESCRIPTION	TUBES	PACK
03961-1-001	Hard tissue grinding MK28	2mL STD	50 preps
03961-1-002	Hard tissue homogenizing CK28	2mL STD	50 preps
03961-1-003	Soft tissue homogenizing CK14	2mL STD	50 preps
03961-1-203	Soft tissue homogenizing CK14-0.5mL	0.5mL STD	50 preps
03961-1-004	Tough micro-organism lysing VK05	2mL STD	50 preps
03961-1-204	Tough micro-organism lysing VK05-0.5mL	0.5mL STD	50 preps
03961-1-005	Micro-organism lysing VK01	2mL STD	50 preps
03961-1-006	Soil grinding SK38	2mL STD	50 preps
03961-1-007	Hard tissue homogenizing CK28-R	2mL-R	50 preps
03961-1-008	Hard tissue grinding MK28-R	2mL-R	50 preps
03961-1-009	Tissue homogenizing CKMix	2mL STD	50 preps
0904-01	Tissue homogenizing CK28	7mL	50 preps
0907-04	Soil grinding CK14/VK01	7mL	50 preps
0907-05	Micro-organism lysing VK01/VK05	7mL	50 preps
0907-06	Micro-organism lysing CK01	7mL	50 preps
03961-1-106	5.0mm Zirconium oxide beads	-	Beads in bulk
03961-1-107	6.8 mm Zirconium oxide beads	-	Beads in bulk

**Problem**



**Solution**



**The key? Precellys®24**  
The perfect solution for grinding, lysing and homogenizing biological samples.

## Precellys lysing kits

MicroTubes prefilled with beads  
0.5mL - 2mL - 7mL



Precellys®24-Dual  
Tissue Homogenizer

# HOMOGENIZE !

## CKI4

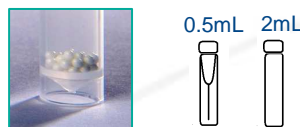
1.4 mm ceramic beads

Cat. No. 03961-1-203 (0,5mL tubes)  
Cat. No. 03961-1-003 (2mL tubes)

### Soft tissue homogenizing

**Application Examples:**

- Prion extraction for ESB
- RNA extraction for mouse liver



## CK28

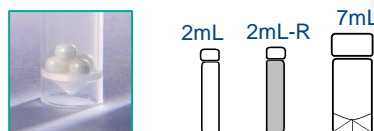
2.8 mm ceramic beads

Cat. No. 03961-1-002 (2mL tubes)  
Cat. No. 03961-1-007 (2mL reinforced tubes)  
Cat. No. 0904-01 (7mL tubes)

### Hard tissue homogenizing

**Application Examples:**

- Proteins extraction from mouse heart
- RNA extraction from human skin



## CKMix

Ceramic mix beads

Cat. No. 03961-1-009 (2mL tubes)

### Tissue homogenizing

**Application Example:**

- DNA extraction from leaf



# GRIND !

## MK28

2.8 mm metal beads

Cat. No. 03961-1-001 (2mL tubes)  
Cat. No. 03961-1-008 (2mL reinforced tubes)

### Hard tissue grinding

**Application Examples:**

- DNA extraction from rice Grain for GMO determination
- Pulverization of Hair for drugs analysis



## Soil Mix

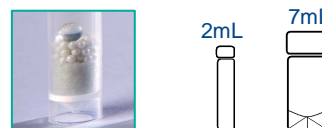
Glass and ceramic mix beads

Cat. No. 03961-1-006 (2mL tubes)  
Cat. No. 0907-04 (7mL tubes)

### Soil grinding

**Application Example:**

- DNA/RNA extraction from environmental samples



## Big beads for 7 mL

**Add beads in your 7 mL lysing tubes to optimize your grinding efficiency**

Cat. No. 03961-1-106 = 5.0mm Zirconium oxide beads  
Cat. No. 03961-1-107 = 6.8mm Zirconium oxide beads

**Application Examples:**

- Virus detection from tomato seeds  
Add 2 beads of 03961-1-106 and 2 beads of 03961-1-107 in the 7mL tubes 0904-01
- DNA extraction from Microorganisms from soil  
Add 2 beads of 03961-1-106 in the 7mL tubes of 0907-04



# LYSE !

## VK05

0.5 mm glass beads

Cat. No.03961-1-204 (0,5mL tubes)  
Cat. No. 03961-1-004 (2mL tubes)

### Tough micro-organism lysing

**Application Example:**

- Proteins extraction from Mycobacterium Smegmatis



## VK01 - VK05

- VK01 = 0.1 mm glass beads

Cat. No. 03961-1-005 (2mL tubes)

- VK01 / VK05 = glass mix beads

Cat. No. 0907-05 (7mL tubes)

### Micro-organism lysing

**Application Example:**

- Recombinant proteins extraction from E.Coli



## CK01

0.1 mm ceramic beads

Cat. No. 0907-06 (7mL tubes)

### Micro-organism lysing

**Application Example:**

- RNA extraction from Lactic bacteria from curd

