

# Precellys® Lysing Kits



**A comprehensive range of kits  
for sample preparation**

- **More than 30 Lysing kits:**  
wide range of bead mix for optimal results
- **DNA, RNA & protein extraction**  
from any biological sample
- **5 volumes** of tubes available
- **Certified DNase/RNase free**

# PRECELLYS® LYSING KIT

A comprehensive range of beads & tubes for sample preparation

**Optimize your preparation of biological samples:** animal tissue, human tissue, plant tissue or micro-organisms thanks to 5 different volumes (0.5, 2, 7, 15, 96 well-plate) and 4 different material of beads (Ceramic, Glass, Stainless Steel or Garnet).

Manufactured in a clean-room environment, Precellys® Lysing Kits are robust tubes prefilled with high quality beads and compatible with any Precellys homogenizer.

The **DNase/RNase free specifications** guarantee the best quality and yield of extraction.

✓ **NEW:** the protein safe tubes contain specific inhibitors to **prevent protein degradation** during the homogenization process.

Fully adapted to any type of sample:  
*5 volumes of tubes and accessories*



**2mL accessories**  
Up to 24 tubes of 2mL (or 0.5mL)



**7mL accessories**  
Up to 12 tubes of 7mL



**15mL accessories**  
Up to 6 tubes of 15mL



**96 well-plate accessories**  
From 8 to 96 wells of 0.3mL  
Prefilled 96 well-plates available



**Metal tubes**  
Up to 6 tubes (6mL accessories)  
Used for very hard samples

## Compatibility:

TUBES DEVICES	96 (well-plate)	0.5mL	2mL	7mL	15mL	Metal tubes
Minily®		×	×	×		
Precellys® 24		×	×			
Precellys® Evolution	×	×	×	×	×	×



# Precellys® Lysing Kits list

NAME	APPLICATION	BEAD TYPE	AVAILABLE TUBE VOLUME					
			well-plate	0.5mL	2mL	2mL R*	7mL	15mL
VK01	Micro-organism lysing	0.1mm glass beads			×			
VK05	Tough micro-organism lysing	0.5mm glass beads	×		×	×		×
VKMix	Micro-organism lysing	0.1mm & 0.5mm glass beads					×	
SK38	Micro-organism lysing within tissue	0.1mm glass beads 1.4mm ceramic beads 1 glass bead of 4.0mm			×		×	
CK01	Bacteria lysing	0.1mm ceramic beads			×		×	×
CKMix	Tissue homogenizing	1.4mm & 2.8mm ceramic beads			×			
CK14	Soft tissue homogenizing	1.4mm ceramic beads	×	×	× ✓		×	
CK28	Hard tissue homogenizing	2.8 ceramic beads			×	× ✓	×	×
CKMix50	Tissue grinding	2.8mm & 5.0mm ceramic beads				×	×	×
CK68	Dry hard tissue grinding	6.8mm ceramic beads				×		×
MK28	Hard tissue grinding	2.8mm stainless steel beads			×	×		
Metal tubes	Bones & teeth grinding	empty tubes to fill with 6.8mm ceramic beads					×	

✓ Protein safe tubes available \* Reinforced tubes

## Precellys homogenizers

Discover the full range of products



**Minilyt®**  
for personal use



**Precellys® 24**  
for high throughput



**Precellys® Evolution**  
Super Homogenizer



**Precellys® Evolution +**  
**Cryolyt® Evolution** combo



## Technical features

### QUANTITY OF TUBES PER KIT:

- 96 well-plate - 0.2mL - 1 breakable plate
- 0.5 / 2 / 7mL - 50 tubes
- 15mL kit - 25 tubes

### QUALITY GRADE:

DNase/RNase free

### TUBES AND CAPS MATERIALS:

Polypropylen Co-Polymer

### AUTOCLAVABLE:

Standard procedure

### CHEMICAL COMPATIBILITY:

Compatible with most extraction buffers (Acid Phenol, Guanidine thocyanate, Acetonitril, Trizol, etc.)

### LOADING CAPACITY 0.3ML (well-plate):

From 0.6mg to 12mg or 3µL to 120µL

### LOADING CAPACITY 0.5ML:

From 1mg to 20mg or 5µL to 200µL

### LOADING CAPACITY 2ML:

From 20mg to 200mg or 200µL to 1.6ml

### LOADING CAPACITY 7ML:

From 200mg to 2g or 200µL to 6mL

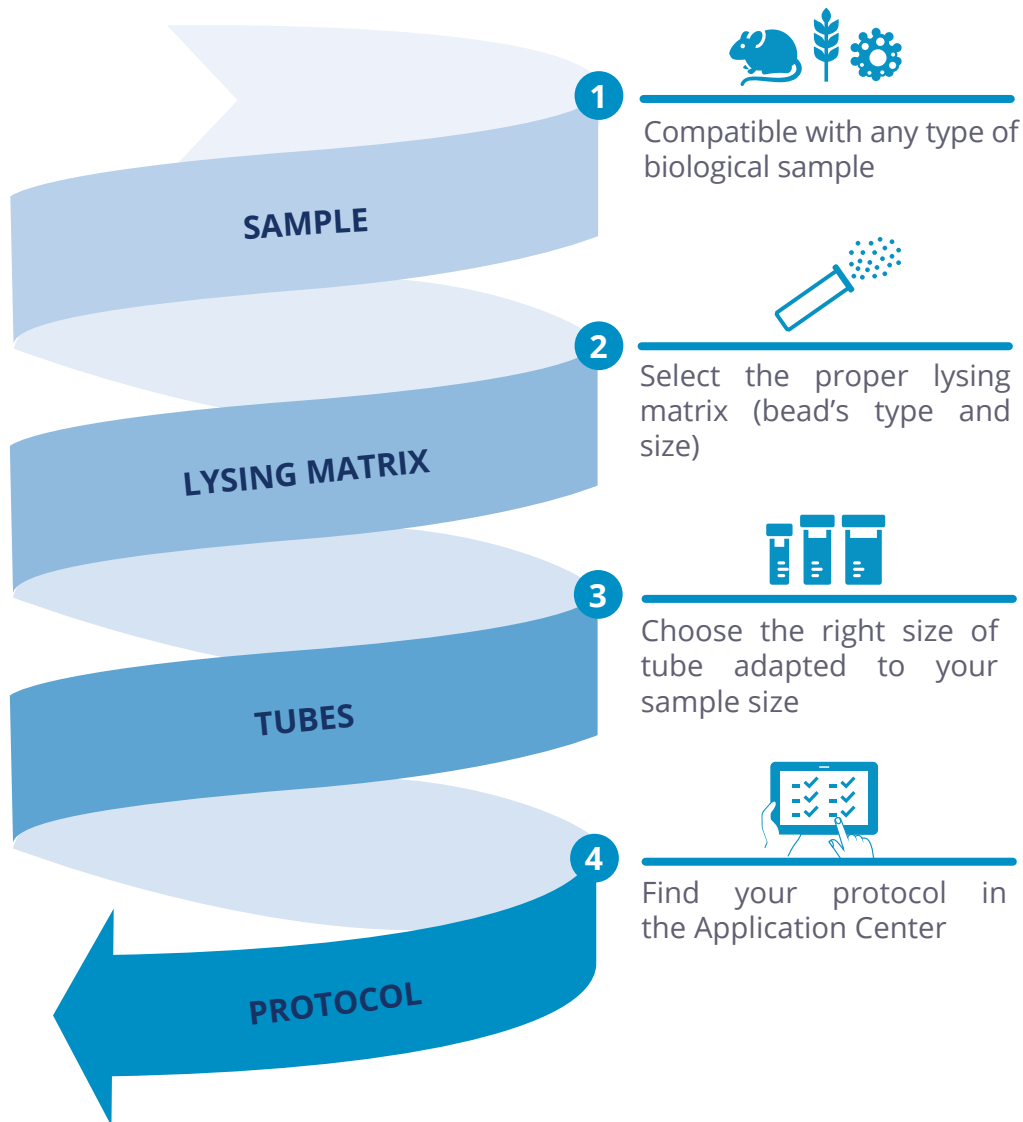
### LOADING CAPACITY 15ML:

From 400mg to 4g or 400µL to 9mL

### LOADING CAPACITY METAL TUBES:

From 20mg to 200mg dry grinding

# OPTIMIZE YOUR HOMOGENIZATION PROCESS



## Use the Bertin Instruments Application Center to find the appropriate protocol

- Find thousands of documents presenting validated protocols
- Find the appropriate kits
- Share with the Precellys® community

<https://www.bertin-instruments.com/application-center/>

