

Precellys® Lysing Kits



A comprehensive range of kits for sample preparation

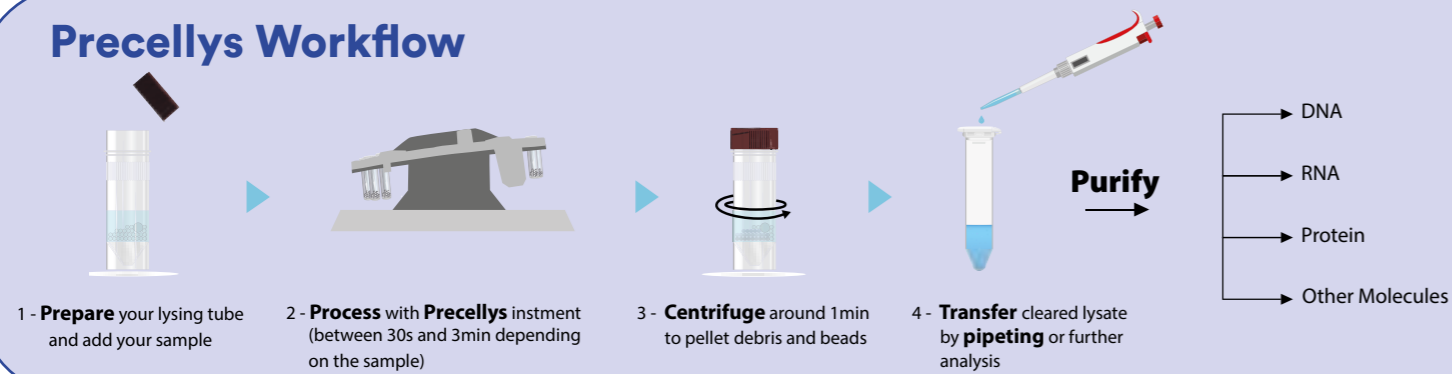
- More than 30 Lysing kits: wide range of bead mix for optimal results
- DNA, RNA, & protein extraction from any biological sample
- 6 volumes of tubes available
- Certified DNase/RNase free

PRECELLYS® LYSING KIT

A comprehensive range of beads & tubes for sample preparation

- Optimize your preparation of biological samples: animal tissues, human tissues, plant tissues or micro-organisms thanks to 6 different volumes (0.2mL (96WP), 0.5mL, 2mL, 7mL, 15mL, 50mL) 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.
- The protein safe lysing kits contain specific inhibitors to prevent protein degradation during the homogenization process.

Precellys Workflow



Fully adapted to any type of sample

6 volumes of tubes and accessories



0.2mL (96WP) accessories
From 8 to 96 wells of 0.3mL
Prefilled 0.2mL (96WP) available



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



50mL accessories
Up to 3 tubes of 50mL



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

Compatibility:

TUBES DEVICES	0.2mL (96WP)	0.5mL	2mL	7mL	15mL	50mL
Minilys		×	×	×		
Precellys 24 Touch		×	×	×		
Precellys Evolution Touch	×	×	×	×	×	×

M Metal tubes available

Precellys® Lysing Kits list

NAME	APPLICATION	BEAD TYPE	AVAILABLE TUBE VOLUME						
			0.2mL (96WP)	0.5mL	2mL	2mL R*	7mL	15mL	50mL
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	0.1 mm 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



Minilys
for personal use



Precellys 24 Touch
Intuitive Tissue Homogenizer



Precellys Evolution Touch



Precellys Evolution Touch +
Cryolys Evolution

Technical features

QUANTITY OF TUBES PER KIT:
- 0.2mL (96WP) - 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

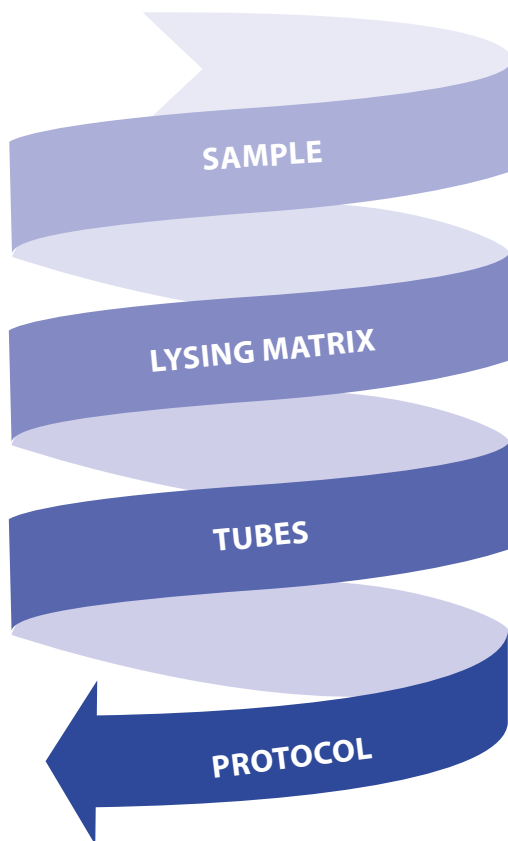
LOADING CAPACITY 7ML:
From 200mg to 2g or 200µL to 6mL

LOADING CAPACITY 15ML:
From 400mg to 4g or 400µL to 9mL

LOADING CAPACITY 50ML:
From 4g to 35g or up to 40mL

LOADING CAPACITY METAL TUBES:
From 20mg to 200mg dry grinding

OPTIMIZE YOUR HOMOGENIZATION PROCESS



1 
Compatible with any type of biological sample

2 
Select the proper lysing matrix (bead type and size)

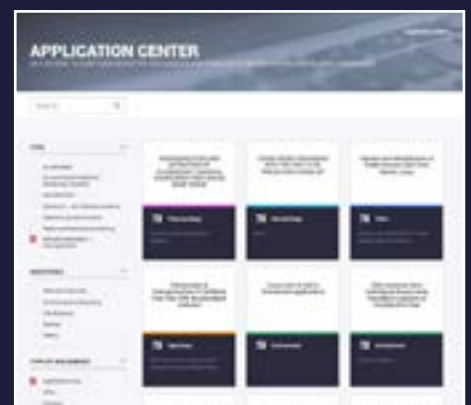
3 
Choose the right size of tube adapted to your sample size

4 
Find your protocol in the Application Center

Use the Bertin Health & Life Sciences 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-technologies.com/application-center/>



Discover our solutions