

Precellys® Lysing Kits



A comprehensive range of kits for sample preparation

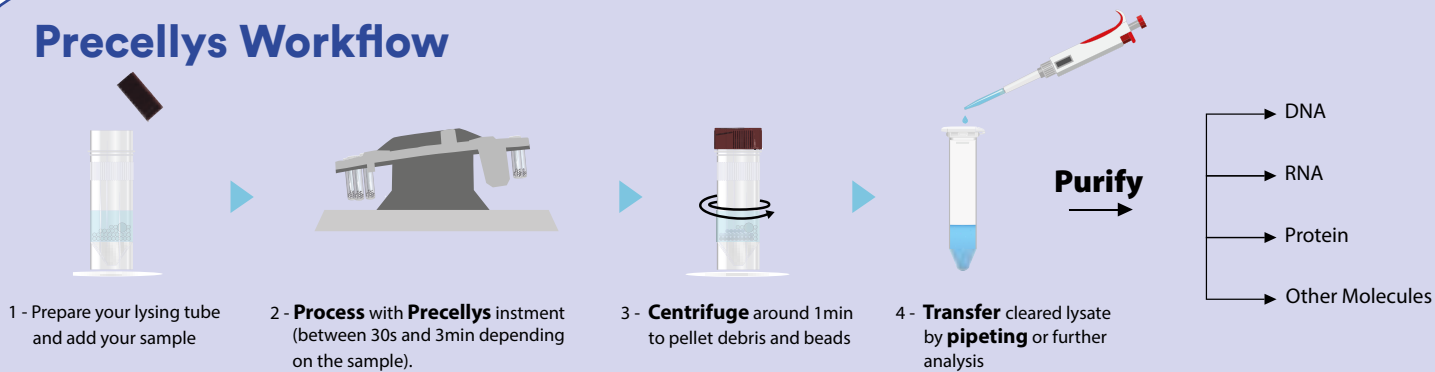
- More than 30 Lysing kits:
wide range of bead mix for optimal results
- DNA, RNA, & protein extraction
from any biological sample
- 5 volumes of tubes available
- Certified DNase/RNase free

PRECELLYS® LYSING KIT

A comprehensive range of beads & tubes for sample preparation

- Optimize your preparation of biological samples: animal tissues, human tissues, plant tissues 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.
- The protein safe lysing kits contain specific inhibitors to prevent protein degradation during the homogenization process.

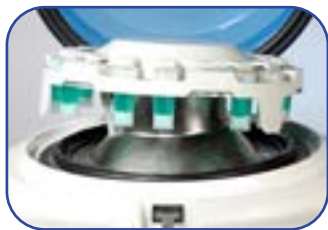
Precellys Workflow



Fully adapted to any type of sample
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
Minilys®		×	×	×		
Precellys® 24 Touch		×	×			
Precellys® Evolution Touch	×	×	×	×	×	×

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	0.1 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

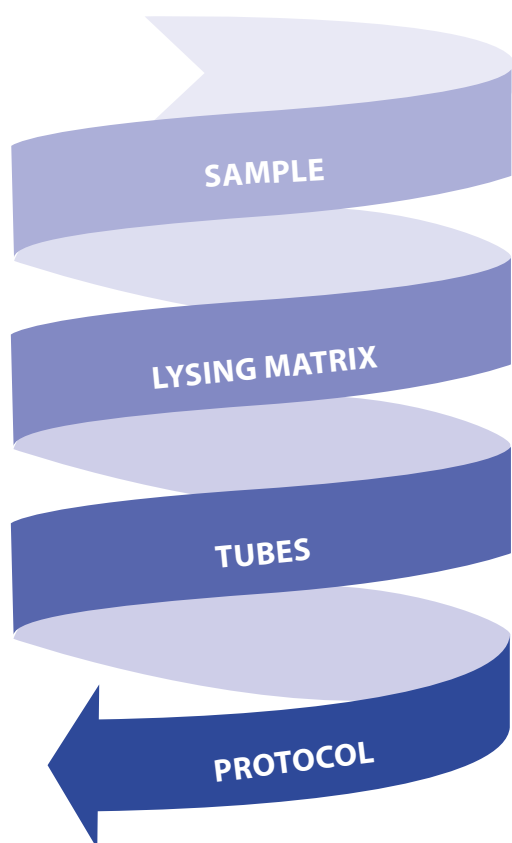






Precellys® Evolution Touch +
Cryolys® Evolution combo

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

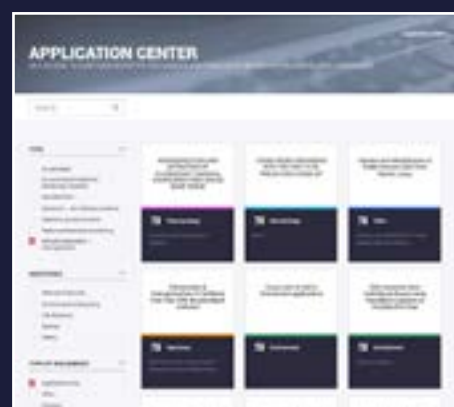


- 
1 Compatible with any type of biological sample
- 
2 Select the proper lysing matrix (bead type and size)
- 
3 Choose the right size of tube adapted to your sample size
- 
4 Find your protocol in the Application Center

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

Bertin Technologies S.A.S • Parc d'Activités du Pas du Lac
10 bis, avenue Ampère, 78180 Montigny Le Bretonneux, France • www.bertin-technologies.com