



Discover the new Precellys®24-Dual

The only efficient large volume tissue homogenizer



Dual



Actual size

➤ Now you can choose

- **Duality:** 7 mL & 2 mL tubes
- **Flexibility:** from 1 mg to 5 g
- **Efficiency:** High yield and integrity for DNA, RNA, proteins...

Extend your Precellys®24 experience with 7 mL lysing tubes.

Handle all sample preparations with the same equipment, not only from soft to hard tissues but also from 1mg to 5000 mg.

Maximize your results and save time!

Precellys®24-Dual tissue homogenizer allows the simultaneous homogenization of six 7 mL lysing tubes or twelve 2 mL lysing tubes.

➤ 7 mL Precellys Lysing Kits

CK28



Cat No.0904-01
2.8 mm ceramic beads

Hard tissue homogenizing

Soil Mix



Cat No.0907-04
Glass and ceramic beads

Soil grinding

CK01



Cat No.0907-06
0.1mm ceramic beads

Micro-organism lysing

VK01/VK05



Cat No.0907-05
Glass mix beads

Micro-organism lysing

To optimize your grinding efficiency add beads of 5.0mm ceramic beads(03961-1-106) or 6.8mm ceramic beads(03961-1-107)

➤ Biological applications – 7 mL vials

	Samples	Weight	Precellys lysing kit	Buffer	Precellys protocols	Analysis
Plant tissues (leaves, seeds)	Leaves basilica	1 g	0904-01	1 ml Buffer	5500 rpm - 2x15s	RNA extraction
	Leaves Thyme	1 g	0904-01	1 ml Buffer	5500 rpm - 2x15s	RNA extraction
	Seeds tomato	2 g (250 seeds)	0904-01 + 2 beads 03961-1-106 + 2 beads 03961-1-107	no buffer	6500 rpm - 2x20s	Virus detection
	Corn grain	1 seed	0904-01 + 2 beads 03961-1-107	no buffer	6000 rpm - 2x30s	DNA extraction
	Durum wheat	1 seed	0904-01 + 1 bead 03961-1-107	1 ml Buffer	6000 rpm - 2x60s*	Enzymatic activity
Animals tissues	Heart	1 g	0904-01	2,4 ml Buffer	6000 rpm - 2x15s	RNA extraction
	Whole lung (rat)	1,2 - 1,4 g	0904-01	3 ml Acetonitril50%	6500 rpm - 2x20s*	Drug extraction
	Whole brain (rat)	1 g	0904-01	4 ml Acetonitril 70%	5500 rpm - 2x10s	Drug extraction
	Muscle, Kidney, Liver (Pork)	1 g	0904-01	4 ml Buffer	6000 rpm - 1x20s	Drug extraction
Microorganisms	Lactic bacteria from curd	500 mg	0907-06	5 ml Trizol	6500 rpm - 2x20s	RNA extraction
	Microorganisms from Soil	1 g	0907-04 + 2 beads 03961-1-106	4 ml Buffer	5000 rpm - 3x15s	DNA extraction
	Yeast Brewer's tablets	2 tablets (0,86g)	0904-01	no buffer	6000 rpm - 2x30s	Fine powdering

* With Cryolys cooling option.

➤ Cool your samples with Cryolys

Combine yield and integrity of thermo sensible molecules with the association of Cryolys cooling option and Precellys®24-Dual. Precellys® 24 system is the only cooled equipment using bead beating in large volume.



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Problem



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

Solution

