

NOTE: for laboratory research use only.



One-step Yeast Plasmid Mini-prep Kit (Spin-column)

Cat. #. DP5001 (50 preps)



ABigen Corporation

I. Kit Content Storage and Stability

Content	Storage	DP5001
Buffer YE	RT	5 ml
Buffer EB	RT	5ml

All reagents, when stored properly, are stable for 12 months.

Notes:

1. BufferYE may form precipitation due to low storage temperature. Dissolve it by warming to 37°C until appears clear before use
2. All bottles should be tightly capped when not in use.
3. Please wear gloves when working. After contact with skin, wash immediately with plenty of water.

II. Principle

This Kit provides a simple and shortcut method for yeast plasmid extraction, lyticase and vitreous beads are not needed. The whole operation can be completed in 30 min.

III. Features

- ◆ No need lyticase and vitreous beads.
- ◆ Simple and rapid

IV. Notes

- ◆ All centrifugation steps can be carried at room temperature.
- ◆ Pre-warm a water bath at 65°C before starting.
- ◆ Use fresh samples to achieve high yields.

V. Procedure

1. Harvest the 1.5ml culture by centrifugation at 14,000rpm for 20s. Discard the supernatant.
2. Add 100µl BufferYE to resuspend the pellet. Then add equal volume phenol/chloroform (1:1) mixture and vortex aggressively for 10min.
3. Incubate at 65 °C for 5min.
4. Centrifuge at 14,000rpm for 5min.
5. Transfer the supernatant from step 4 to a new microcentrifuge tube and add two volumes 95% ethanol. Let it sit at room temperature for 5min. Then centrifuge at 12,000rpm for 5min. Discard the supernatant. Wash the pellet with 70% ethanol twice. Dry 5min in vacuum concentrator or air dry at room temperature.
6. Resuspend the pellet with 100µl Buffer EB and stored at -20°C.

