

Product Name: Plasmid Extraction Mini Kit

Catalog No.: TAEK01D

INTENDED USE: For Research Use Only. Not for use in diagnostic procedures.

DESCRIPTION:

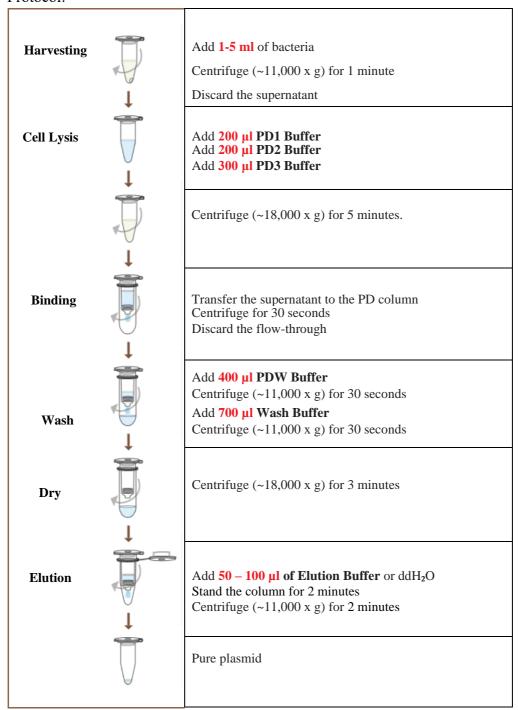
Plasmid Extraction Mini Kit

| Cat. No: | TAEK01D-100 (100 preps) | TAEK01D-300 (300 preps) |
|--|----------------------------|----------------------------|
| PD1 Buffer | 25 ml | 75 ml |
| PD2 Buffer | 25 ml | 75 ml |
| PD3 Buffer | 35 ml | 105 ml |
| PDW Buffer | 45 ml | 135 ml |
| Wash Buffer | 20 ml | 50 ml |
| Elution Buffer | 15 ml | 35 ml |
| PD Column | 100 pcs | 300 pcs |
| Collection Tube | 100 pcs | 300 pcs |
| RNase A (Lyophilized) | 2.5 mg | 7.5 mg |
| Preparation of Wash Buffer by adding ethanol (96 ~ 100%) | | |
| Ethanol volume for Wash Buffer | 80 ml | 200 ml |

Important Notes:

- 1. Store RNase A at -20 °C upon receipt of kit.
- 2. Add **0.5 ml of PD1 Buffer** to a RNase A tube, Dissolve the RNase A by vortex. Briefly spin the tube and transfer the total RNase A mixture back to the PD1 bottle, mix well by vortex and store the **PD1 buffer** at 4 °C.
- 3. If precipitates have formed in **PD2 Buffer**, warm the buffer in 37°C water bath to dissolve precipitates.
- 4. Preparation of **Wash Buffer** by adding 96 ~100% ethanol (not provided) for first use.
- 5. Centrifugation steps are done by a microcentrifuge capable of the speed at $11,000 \sim 1,8000 \times g$.

Protocol:



Storage and Stability:

Please read the kit contents and follow the storge condition. The user must validate any other storage conditions. When properly stored, the reagent is stable until the date indicated on the label. Do not use the reagent beyond the expiration date. If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical:_ info@biotna.net