

# Ecoli NightSeq®

## Sample Preparation

1. Grow your *E. coli* on agar plates long enough to have a colony diameter of at least 1 mm. This will ensure a high cell density and is a prerequisite for reliable sequencing.

2. Shortly centrifuge the tube / plate<sup>1</sup> to avoid having liquid on the lid and carefully remove the sealing foil.

3. Wear protective gloves and use a toothpick<sup>2</sup> to take as much as possible of the *E. coli* colony and inoculate into

our tubes/plates. Swirl the toothpick for some seconds to transfer as many cells as possible into the liquid.

**For Plates:** Please fill plates in a **vertical order only** (not horizontal!) and **avoid empty wells** between full wells.

4. **If you want to make a replica:** Use the same toothpick to inoculate LB media containing antibiotics and produce an overnight culture or streak out on a fresh agar plate. The provided additional sticker can be used to label your replica.

5. Login to our webshop at [www.microsynth.seqlab.de](http://www.microsynth.seqlab.de) to place your order for the Ecoli NightSeq® service.

6. Finally put your sample(s) into a transparent plastic bag and drop it into the closest sample drop box. **No incubation needed.**

7. Your sequencing results will be available the next day before 2 pm for tubes and before 4 pm for plates.

<sup>1</sup> Tubes and plates are delivered together with the barcode labels.

<sup>2</sup> Or something similar that can be used for this purpose like a pipette tip, etc.

Simply stick a **red barcode label** on your sample tube/plate as shown in the image. Please do not put any sticker onto the lid and do not wrap it with parafilm!



## Need More Information?

In case you need help or more information, please do not hesitate to

- call us at +49 551 37 000 15/17
- or email us at [info@microsynth.seqlab.de](mailto:info@microsynth.seqlab.de)