

A microscopic view of numerous E. coli bacteria, appearing as rod-shaped structures with a textured surface, scattered across a greenish-yellow background. The bacteria are in various orientations and sizes, some appearing more prominent than others.

Ecoli NightSeq® - Game-Changing New Service

Save Time and Money

Avoid unnecessary, time-consuming and costly plasmid isolations from unsuccessful clones. Accelerate your research by a whole day.

Straightforward

Simply drop your *E. coli* colonies into a Microsynth drop box in the late afternoon and receive your result the next day before 2 pm (tubes) or from 3 pm on (plates).

Robust & Versatile

Best possible outcome due to a robust and standardized process developed for maximum effectiveness. Ideal for difficult plasmids. Not limited to *E. coli*.

What is Ecoli NightSeq®?

The Ecoli NightSeq® is a **game-changing new service** from Microsynth. By using this service you can save handling time in the lab and significantly reduce your expenditures on plasmid DNA purification kits by only isolating plasmids from clones

showing the desired sequencing result. Instead of isolating the plasmid yourself, you can directly pick the colony and send it to Microsynth. The next day you already have your sequencing results. Now you can move on with the successful clones that you have incubated overnight. This way

you can **accelerate your research by one full day**. Further, beyond *E. coli*, other organisms (mainly gram-negative bacteria) or very low amounts of plasmid DNA (≥ 5 ng in 1 μ l) can be used as input material.

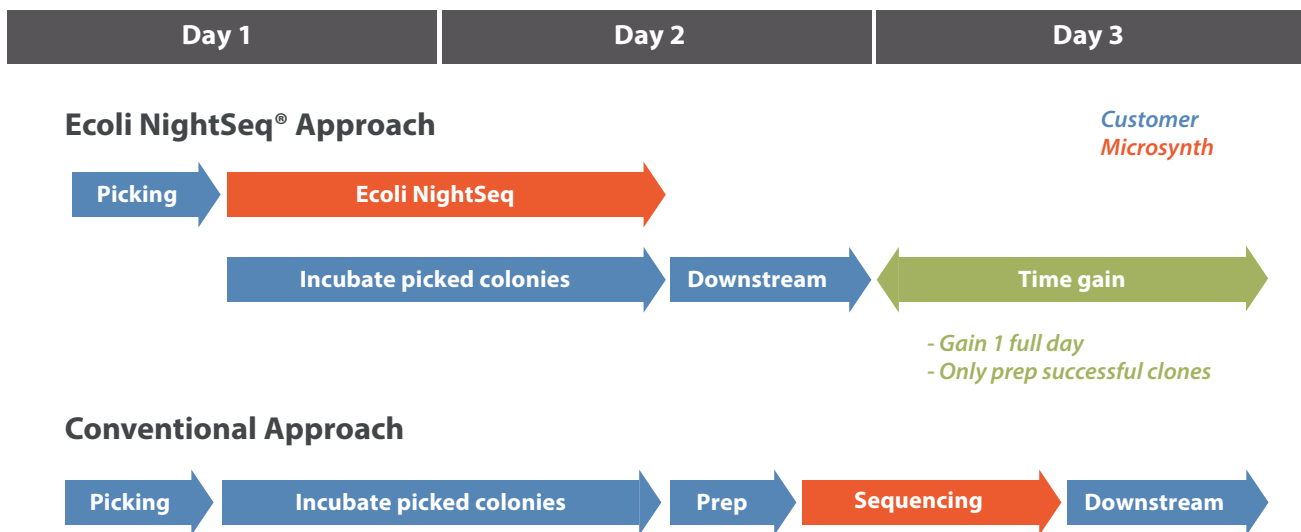


Figure 1: Comparison of the conventional with the new Ecoli NightSeq® approach. Send us directly your *E. coli* colony (or other organisms, mainly gram negative bacteria). After receiving the sequencing results, isolate only the plasmids from the relevant clones and gain one extra day.

Straightforward

1. Inoculate your *E. coli* colony or plasmid DNA into the provided tube/plate.
2. Put your samples in one of our sample drop boxes (**no incubation needed**).
3. Your sequencing results will be available the next day before 2 pm (tubes) or from 3 pm on (plates).

Products

- Ecoli NightSeq® (batch of 50 prepaid labels and tubes*)
- Ecoli NightSeq® (batch of 50 non-prepaid labels and tubes*)
- Ecoli NightSeq® (1 prepaid label and 96-well plate*)
- Ecoli NightSeq® (1 non-prepaid label and 96-well plate*)

*Tubes and plates will be provided free of charge filled with our proprietary buffer solution.

Never Tried?

Write an email to sanger.support@microsynth.ch and ask for **free labels**.

How to Order?

Enter our webshop via www.microsynth.ch

Click on **"Order Labels"** in the green „Sanger Sequencing“ area

Click on your preferred **"Ecoli NightSeq"** service and follow the further instructions

Need More Information?

Call us at +41 71 726 10 04 or

E-mail us at sanger.support@microsynth.ch

“Thanks to the new Ecoli NightSeq service from Microsynth, we are now able to sequence in high throughput format and save up to two days compared to the previous service. The easy sample preparation and the high quality sequences were convincing us.”

Andreas Lehman, Molecular Partners AG