



Happy New Year!

Happy New Year from all of us here at New England Biolabs.

We hope that you and your loved ones are staying happy, healthy and safe after the festive Holiday Season. From all of us at NEB we are wishing you a successful New Year 2022!

However, when returning to the laboratory, it is important to think about general safety measures and proven ways to be more efficient.

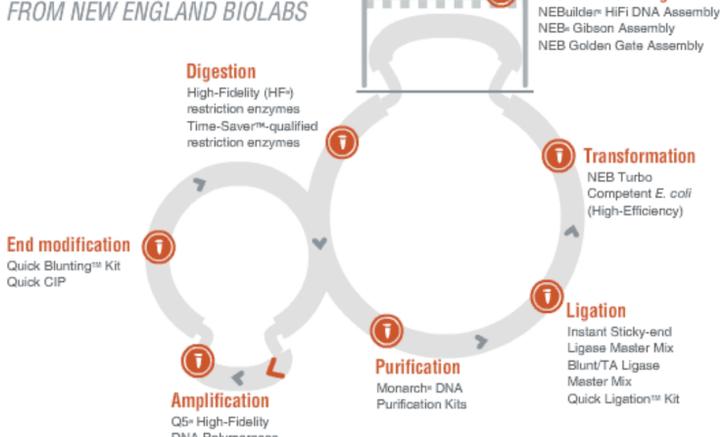
To help you quickly get back to the important science that you do, NEB has prepared some tips and tools to help you Reboot Your Bench!



Reboot your bench!

- Find helpful [tips for returning to the laboratory](#)
- [Download](#) our printable safety reminders
- To help you be more productive with your cloning, [NEB offers a selection of fast, high quality products that save valuable time](#)

FAST CLONING FROM NEW ENGLAND BIOLABS



[View All Fast Cloning Products](#)



Featured products: Still making your own competent cells?

Time in the lab is even more precious these days. Let us take on some of the strain, with our ready-to-use competent cells for cloning and expression. And remember – no dry ice charges from NEB.

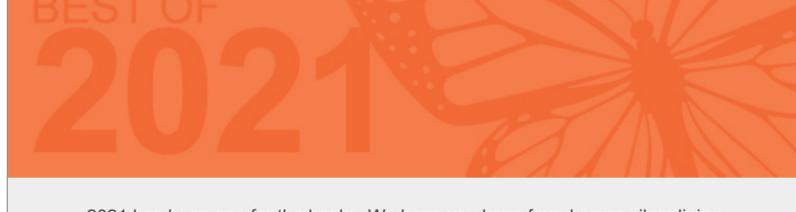
- Convenient formats: single-use tubes, 8-well strips, 96-well and 384 well plates
- High transformation efficiencies
- All strains are free of animal products and are T1 phage resistant
- Outgrowth medium and control plasmid included



Why not try out four of our popular chemically competent strains with the [NEB Cloning Competent *E. coli* Sampler](#)?



Find the best strains for your experiments with our newly updated [Competent Cell Selection Guide](#).



2021 has been one for the books. We hope you have found some silver lining during this challenging time. Over the last year, there were some real standout episodes of our webinar, podcast, blog and NEB TV series. Here are our most popular episodes from 2021 we thought you might enjoy.

Saliva as a sample type for SARS-CoV-2 detection

Saliva Direct

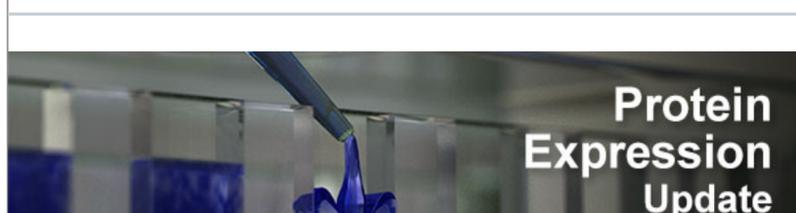
Episode #31 COVID-19 Researchers Spotlight: Interview with Peter Hotez

COVID-19 Researcher Spotlight: Vaccine development, manufacturing, and democratizing vaccine distribution

Supersizing molecular cloning by rewriting the rules for golden gate assembly

COVID-19 Researcher Spotlight: Interview with Bijoyita Roy

COVID-19 Researcher Spotlight: Vaccine development platforms, timelines and progress



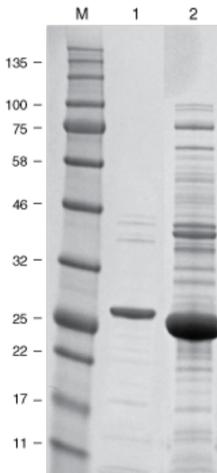
New Lysis Reagent specifically designed for the extraction of proteins expressed in *E. coli*

The new **NEBExpress® *E. coli* Lysis Reagent** is a chemical lysis solution composed of a proprietary mix of non-ionic and zwitterionic detergents in a Tris-based buffer. The reagent quickly disrupts *E. coli* cells, releasing the proteins without denaturing them.

- Ready-to-use and stable at room temperature
- Gentle, yet highly active formulation of detergents in a Tris buffer
- Scalable from small to large bacterial cell pellet lysis; compatible with high throughput workflows
- Suitable for thermosensitive proteins vulnerable to mechanical lysis
- Compatible with SDS-PAGE, Westerns, activity assays, immunoprecipitation, and downstream purification



NEBExpress *E. coli* Lysis Reagent provides fast and efficient cell lysis to extract soluble proteins



SDS-PAGE analysis comparing the soluble fraction of a target protein incubated with Tris-buffer (lane 1) and NEBExpress *E. coli* Lysis Reagent, NEB #P8116 (lane 2).

[View the Lysis Protocol](#)

[Product Details](#)

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be **INSPIRED** | drive **DISCOVERY** | stay **GENUINE**

