

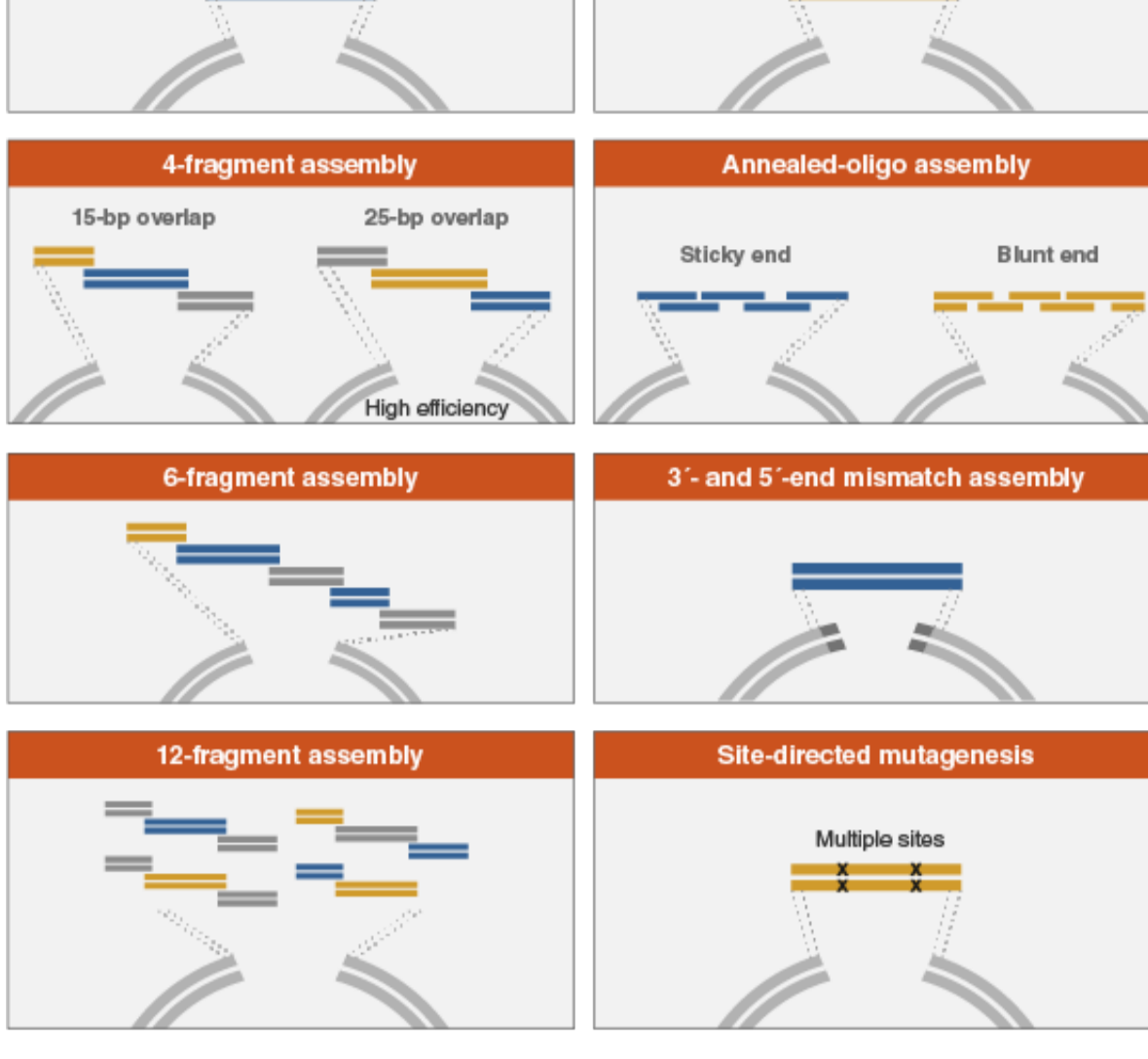


Featured Product:

NEBuilder® HiFi DNA Assembly – reformulated for improved performance

Assembling DNA fragments is a key part of both synthetic biology techniques and cloning. NEBuilder HiFi DNA Assembly enables virtually error-free joining of DNA fragments, even those with 5'- and 3'-end mismatches. This flexible kit enables simple and fast seamless cloning utilizing a proprietary high-fidelity polymerase, and offers improved performance over other commercially-available kits. Find out why NEBuilder HiFi is the next generation of DNA assembly and cloning.

Not your average DNA assembly reagent



View data to see how NEBuilder HiFi performs against GeneArt® Gibson Assembly® and In-Fusion® Snap Assembly.

[Learn More](#)

[View Performance Data](#)



Product Update:

NEB restriction enzyme formulations with Recombinant Albumin (rAlbumin)

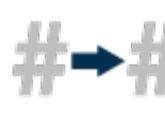
Bovine Serum Albumin (BSA) is commonly used to stabilize proteins and prevent adhesion to reaction tubes and pipette surfaces. Given the growing need for comparable performance using BSA-free reagents, we are excited to announce that we are now transitioning our restriction enzyme formulations to contain rAlbumin instead of BSA, and are already in the process of moving all NEBuffers to contain rAlbumin.

We anticipate this switch to take a longer period of time to complete. We feel that moving away from animal-containing products is a step in the right direction, and are excited to offer this enhancement at the same price.

Key Points to Remember:



Including rAlbumin in enzyme formulations enables them to be used in situations where BSA-free reagents are required



The catalog number will not change when a restriction enzyme is reformulated with rAlbumin



There is no difference in enzyme performance when using an enzyme formulated with BSA versus rAlbumin, either can be used in your reaction



Certificates of Analysis, Certificates of Origin and Specifications will be updated to reflect the change

[Learn More](#)

Featured Product:

Trust Monarch® kits for your DNA & RNA purification needs

Monarch nucleic acid purification kits provide fast and reliable purification of high-quality DNA and RNA from a variety of sources using best-in-class silica column technology, and using a novel glass bead-based approach for HMW DNA extraction. DNA and RNA purified with Monarch kits is highly-pure and suitable for use in a wide variety of downstream applications including sequencing, cloning, PCR and other enzymatic manipulations.



Monarch kits are all designed with sustainability in mind; they use less plastic and are packaged in responsibly-sourced, recyclable material. For convenience, all Monarch kit components are also available separately.

Monarch kits are available for:

- Genomic DNA extraction & purification
- High Molecular Weight (HMW) genomic DNA extraction
- Total RNA extraction & purification
- RNA cleanup
- DNA cleanup & gel extraction
- Plasmid purification

[Learn More](#)

The NEB® Podcast Series

LESSONS from Lab & Life™



Karmella Haynes

The latest **Lessons from Lab & Life** podcast continues our focus on the Synthetic Biology. In this episode hear from Professor Karmella Haynes, Associate Professor at Emory University, on the use of synthetic biology to fine tune approaches to epigenetic medicine, from RNA to proteins.

Listen on [neb.com](#)

Listen on **Apple Podcasts**

Subscribe On **STITCHER**



New to Molecular Biology?

Start your career off on the right path.

Get your free NEB Starter Pack!

The free NEB Starter Pack is available to all research students, PhD students, PostDocs and PIs who are starting their career or a new project in Molecular Biology*.



The NEB Starter Pack contains*:

- NEB Catalog & Technical Reference 2021/22 incl. Buffer Poster
- Year planning calendar poster 2022
- Technical Guide "Molecular Cloning"
- Technical Guide "RNA"
- Brochure "PCR Reagents"
- Electrophoresis Marker Poster
- RNA Metro-Map Poster
- Water bath floatie
- NEB Pencil & Lab Marker
- NEB Notepad & Post-It
- RNase-free Zone Stickers
- NEB Pull Reel Key Ring
- **Free DNA Ladder Sample**
- **Voucher: 20% discount on your first purchase of any NEB product!**

[Register here](#) or [contact your local distributor*!](#)

*Offer available through to Jan. 31st, 2022, or while stocks last. Limited to one pack/person. Content may vary from those shown. The 20% discount voucher/offer is void where prohibited by regional or institutional laws or regulations. Please ask your local distributor for details and availability. The full terms and conditions following GDPR can be found at [www.neb-online.eu/starterpack](#).

New England Biolabs is a **Certified B Corporation™**.

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



NEW PRODUCTS

TECHNICAL SUPPORT

LITERATURE REQUEST