

Lighting the way.



New product:

LunaScript® RT SuperMix

With a 13-minute protocol, **LunaScript RT SuperMix** enables efficient first strand cDNA synthesis in applications such as amplicon sequencing or two-step RT-qPCR.

LunaScript RT SuperMix (#M3010) is the supermix component of the previously released **LunaScript RT SuperMix Kit (#E3010)** and thus ideal if you don't need the additional no-RT control and nuclease-free water supplied in the #E3010 kit.

LunaScript RT SuperMix (#M3010) comes in two sizes (100 and 500 reactions). In addition, a bulk size option (2,500 reactions in a 15 ml bottle) is available.

Comparison of LunaScript products

	LunaScript® RT SuperMix Kit (NEB #E3010)	LunaScript RT SuperMix (NEB #M3010)
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>LunaScript RT SuperMix</p> </div> <div style="text-align: center;"> <p>No-RT Control Mix</p> </div> </div>	<div style="text-align: center;"> <p>LunaScript RT SuperMix</p> </div>
RT SuperMix included	✓	✓
No-RT Control Mix included	✓	✗
Nuclease-free water included	✓	✗
Bulk size available	✗	✓

[Product Information](#)

[Contact your local distributor](#)

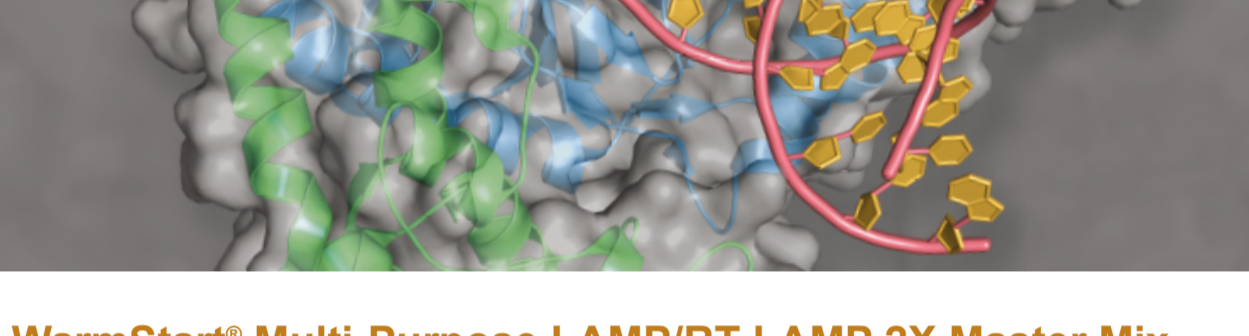


The Carlow lab at NEB® has developed a suite of LAMP assays for the detection of infectious diseases in resource-limited surveillance and diagnostic programs. Their most recent work shows the effectiveness of RT-LAMP for the detection of Eastern Equine Encephalitis (EEE) virus in vector mosquito populations, enabling nucleic acid detection in the field, without the use of sophisticated equipment, and with minimal molecular expertise required.

Find out more in our latest blog post:

Monitoring tick and mosquito infections using LAMP: Screening for EEE and beyond

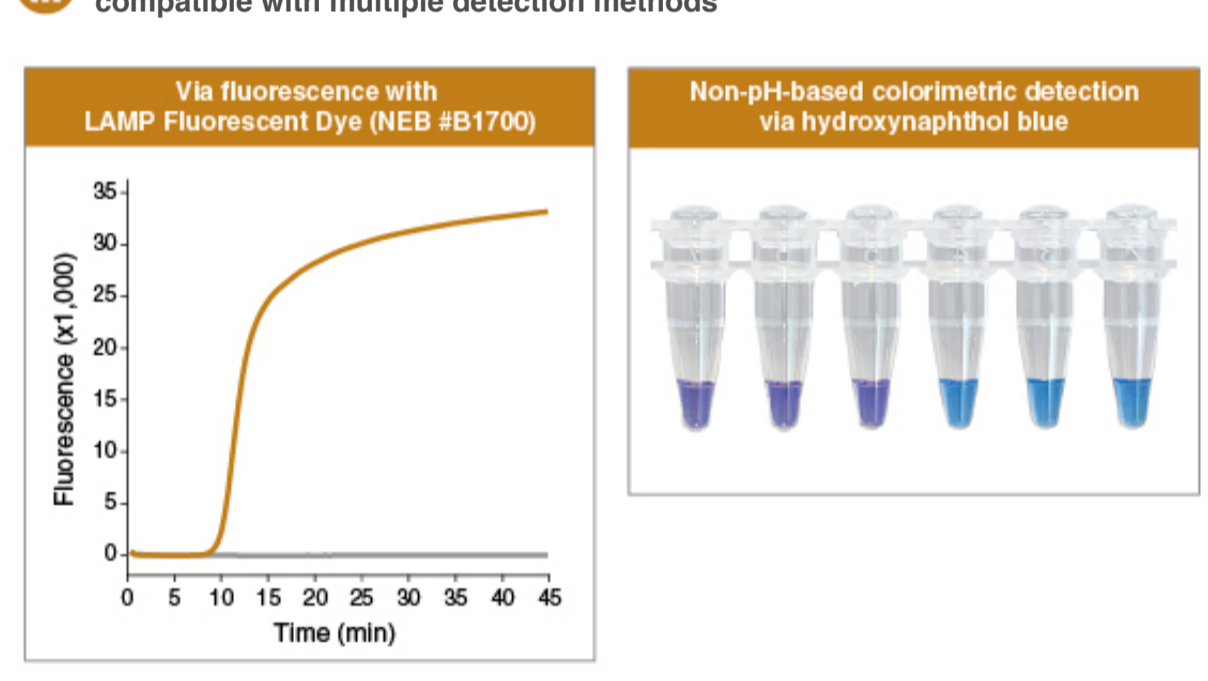
[Read Now](#)



WarmStart® Multi-Purpose LAMP/RT-LAMP 2X Master Mix (with UDG) and WarmStart Fluorescent LAMP/RT-LAMP Kit (with UDG)

The **WarmStart Multi-Purpose LAMP/RT-LAMP 2X Master Mix (with UDG)** is fully buffered and compatible with different sample types, enabling multiple detection methods including turbidity detection, real-time fluorescence detection, and end-point visualization such as colorimetric detection via a metal indicator (e.g., hydroxynaphthol blue.) For real-time fluorescence detection, the master mix is available as a **kit** that includes 50X LAMP Fluorescent Dye. The inclusion of dUTP and thermolabile UDG enables carryover contamination prevention, which is an important consideration when designing a LAMP/RT-LAMP experiment.

The WarmStart Multi-Purpose LAMP/RT-LAMP 2X Master Mix (with UDG) is compatible with multiple detection methods



[More Information](#)

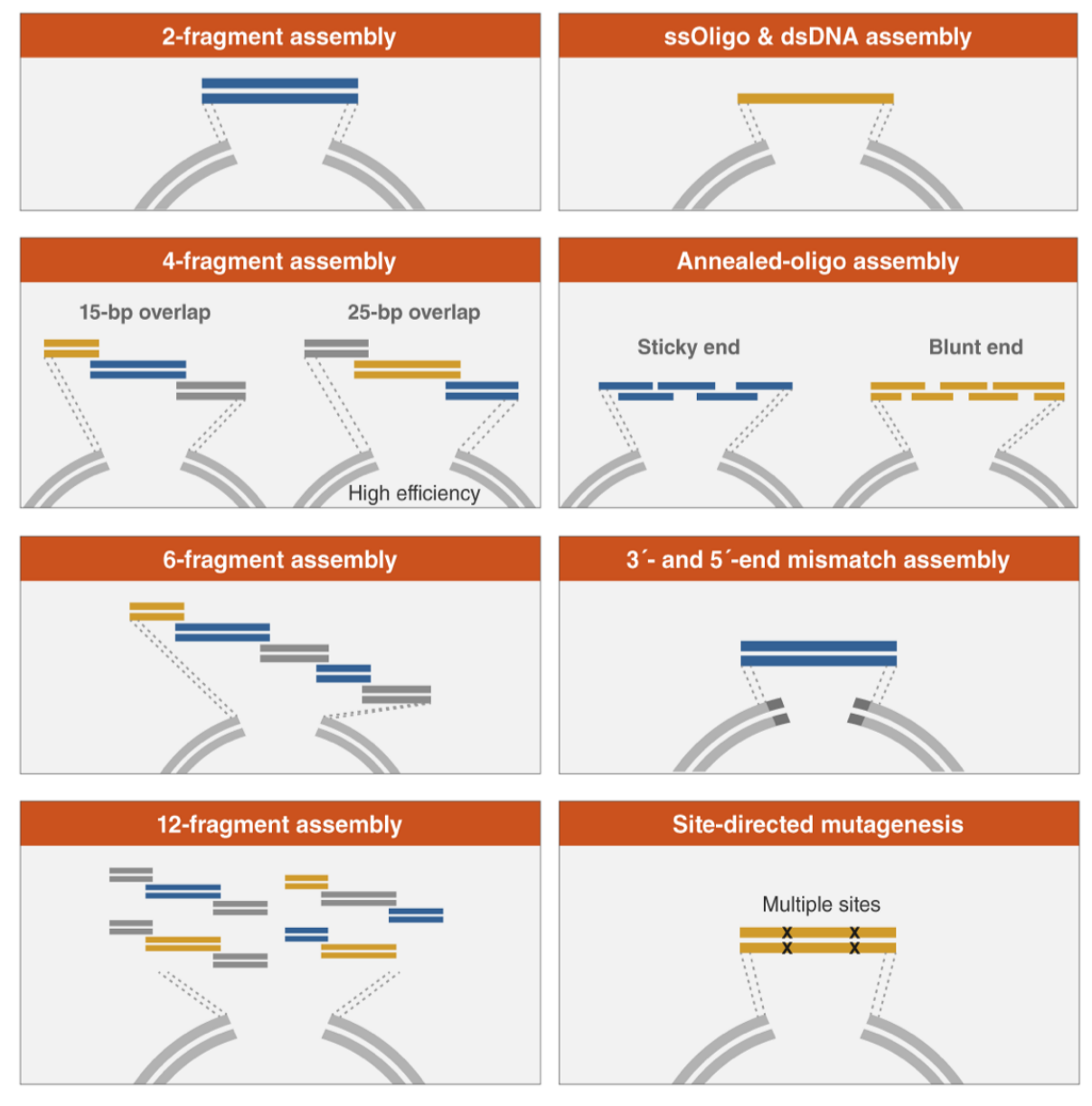
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Looking to speed up your cloning experiments? Why not try NEBuilder® HiFi DNA Assembly!

With **NEBuilder HiFi DNA Assembly**, you can assemble multiple fragments in a single reaction in as little as 15 minutes. NEBuilder can be used for both "standard-size" cloning and larger gene assembly products (up to 11 fragments). DNA can be used immediately for assembly as a template for PCR or RCA. Complete your workflow by combining with our highly efficient **competent cells**:

- The **NEBuilder HiFi DNA Assembly Kit** includes **NEB 5-alpha Competent E. coli**, enabling fragment assembly of 15 kb or less in just under 2 hours
- The **NEBuilder HiFi DNA Assembly Bundle for Large Fragments** includes **NEB 10-beta Competent E. coli**, which are recommended for assemblies larger than 15 kb



[Learn more](#)

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

