



## Accelerate your research: NEB Quick-Cloning Box HF

– at a price you can't afford to miss!

To speed up your cloning experiments, choose the “NEB Quick Cloning Box-HF” - a selection of the most important cloning enzymes and tools in optimized “Quick” formulations at a price you can't afford to miss! The “NEB Quick Cloning Box-HF” will allow you to achieve results faster without compromising on the quality or consistency of your data. Cloning in just one day becomes a reality!

Due to the value pricing, the NEB Quick Cloning Box-HF is also the ideal start for new laboratories, student practical courses, schools... etc.



### DNA CLONING

DNA AMPLIFICATION & PCR

EPIGENETICS

RNA ANALYSIS

SAMPLE PREP FOR NEXT GEN SEQUENCING

PROTEIN EXPRESSION & ANALYSIS

CELLULAR ANALYSIS

### Advantages:

- **Selection & Value Pricing**
  - the most commonly used cloning enzymes and tools at a price you can't afford to miss
- **HF<sup>®</sup> Restriction Enzymes**
  - engineered for performance
  - dramatically reduced star activity
  - Time-Saver<sup>™</sup> qualified
  - optimized for convenience
- **Quick Kits**
  - optimized for faster results without compromising on quality
- **Q5<sup>®</sup> High-Fidelity PCR Master Mix**
  - reliable, fast and accurate PCRs
- **Complete Tool Box**
  - contains DNA Ladder, NEBuffers, Gel Loading Buffer etc.

### The NEB Quick Cloning Box-HF contains:

PRODUCT	NEB #	UNITS
BamHI-HF <sup>®</sup>	R3136 S	10.000 u
EcoRI-HF <sup>®</sup>	R3101 S	10.000 u
HindIII-HF <sup>®</sup>	R3104 S	10.000 u
NotI-HF <sup>®</sup>	R3189 S	500 u
Q5 <sup>®</sup> High-Fidelity PCR 2X Master Mix	M0492 S	100 rxn
recombinant Shrimp Alkaline Phosphatase (rSAP)	M0371 S	500 u
Quick Blunting <sup>™</sup> Kit	E1201 S	20 rxn
Quick Ligation <sup>™</sup> Kit	M2200 S	30 rxn
Quick-Load <sup>®</sup> Purple 2-Log DNA Ladder	N0550 S	250 gels
NEBcool <sup>™</sup> Lab-Bench Cooler	T0400 S	1 cooler
incl. all NEBuffers, Gel-Loadingbuffer etc.		
<b>NEB Quick Cloning Box-HF</b>	<b>E1114 S</b>	<b>Special Price*!</b>



\*Special Price - no further discounts apply! Ask your local distributor for details.



## Time-Saver™ Qualified HF®-Restriction Enzymes

> digest substrate DNA in only 5 - 15 min

### Advantages

- Engineered for Performance
- High Fidelity (HF) Enzymes with dramatically reduced star activity
- Time-Saver qualified for 5 - 15 min digests
- Optimized for highest buffer compatibility (NEB CutSmart

For more details please visit:  
[www.nebcutsmart.com](http://www.nebcutsmart.com)

## Quick Ligation™ Kit

> ligation in 5 minutes at room temperature

### Advantages

- 5 minute reactions for cohesive or blunt ends
- Convenience of ligations performed at room temperature
- Suitable for all common ligation reactions

## Shrimp Alkaline Phosphatase (rSAP)

> dephosphorylation of DNA, RNA, dNTPs & proteins

### Advantages

- Flexible reaction conditions (active in any restriction enzyme buffer, no clean-up required)
- Fast: only 10 min for removal from 5' overhangs/blunt ends and 30 min for removal from recessed 5' ends
- Rapid and irreversible heat inactivation in only 5 min at 65°C

## Q5® High-Fidelity PCR Master Mix

> fidelity at its finest

### Advantages:

- **Robust Reactions** – Superior performance for a broad range of amplicons, regardless of GC content
- **Extreme Fidelity** – Highest of any available thermostable polymerase (100X greater than *Taq*)
- **High Speed** – Dramatically reduced extension times (ca. 20 sec./kb)

## Quick Blunting™ Kit

> blunting DNA fragments in up to 15 min

### Advantages

- 15 min reactions for blunting RE digests; 30 min for PCR products or sheared/nebulized DNA
- Reactions are performed at room temperature in a ready-to-use mix

A Small Selection of >200 Time-Saver™ Qualified Restriction Enzymes from NEB

ENZYME	DIGEST IN 5 MIN	ENZYME	DIGEST IN 5 MIN
BamHI-HF	✓	SacI-HF	✓
BglII	✓	Sall-HF	✓
EcoRI-HF	✓	SmaI	✓
HindIII-HF	✓	SpeI-HF	✓
NcoI-HF	✓	SphI-HF	✓
NotI-HF	✓	XbaI	✓
PstI-HF	✓	XhoI	✓

Time-Saver enzymes (icon ) will digest 1 µg of the specified DNA in 5 - 15 minutes with 1 µl of enzyme under recommended reaction conditions. All NEB High Fidelity (HF®) Restriction Enzymes are also Time-Saver™ qualified.

- Cloned at NEBiolabs
- Recombinant Enzyme
- Time-Saver Qualified
- Optimum Buffer

## Molecular Biology is no witchcraft ☺



<http://international.neb.com>



New England Biolabs, Inc., 240 County Road, Ipswich, MA, USA

Contact your official local NEB distributor for further details: <http://international.neb.com/support/> or [distributors.de@neb.com](mailto:distributors.de@neb.com)