

## 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.

**Save more than 40% compared to single order!**



Benefit from our unbeatable price of only 399,- €!

NEB Quick Cloning Box-HF – Prod.Nr.: E1114

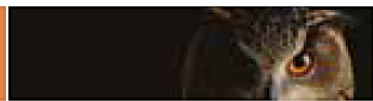
DNA CLONING

### Advantages:

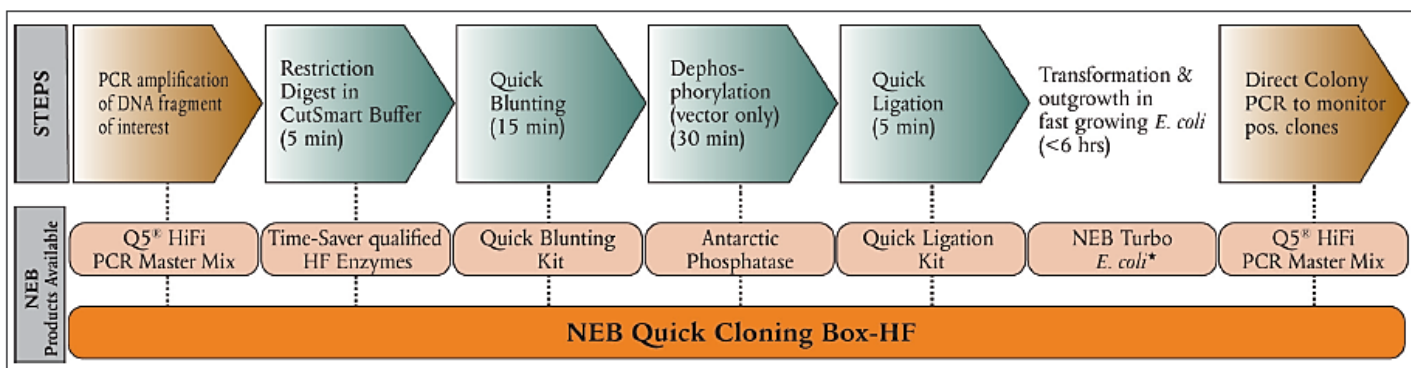
- Selection & Value Pricing**
  - the most commonly used cloning enzymes and tools at a price you can't afford to miss
- HF® Restriction Enzymes**
  - engineered for performance
  - dramatically reduced star activity
  - Time-Saver™ qualified
  - optimized for convenience
- Quick Kits**
  - optimized for faster results without compromising on quality
- Q5® 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	Size	List Price
BamHI-HF®	10.000 units	49,-€
EcoRI-HF®	10.000 units	49,-€
HindIII-HF®	10.000 units	49,-€
NotI-HF®	500 units	70,-€
Q5® High-Fidelity 2X Master Mix	100 rxn	150€
recombinant Shrimp Alkaline Phosphatase (rSAP)	500 units	58,-€
Quick Blunting Kit (blunt DNA-ends in 15 min)	20 rxn	78,-€
Quick Ligation Kit (Ligation in just 5 min at RT)	30 rxn	99,-€
Quick-Load Purple 2-log DNA Ladder	250 gel lanes	66,-€
NEBCool Labbench-Cooler	1 rack	44,-€
including all necessary buffers		<b>only 399,- €</b> <del>712,-€</del>



The "NEB Quick Cloning Box-HF" contains the reagents for your complete\* cloning needs:



The "NEB Quick Cloning Box-HF" contains the most commonly used enzymes for DNA cloning at a price you can't afford to miss! Due to optimized "quick" formulations without compromising on quality, cloning in just one day becomes a reality. \*NEB recommends the fastest growing *E. coli* strain, i.e. the NEB Turbo competent *E. coli* (#C2984) which is available separately.

## 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 ☺

