



Mach1™ T1 Phage-Resistant Chemically Competent *E. coli*

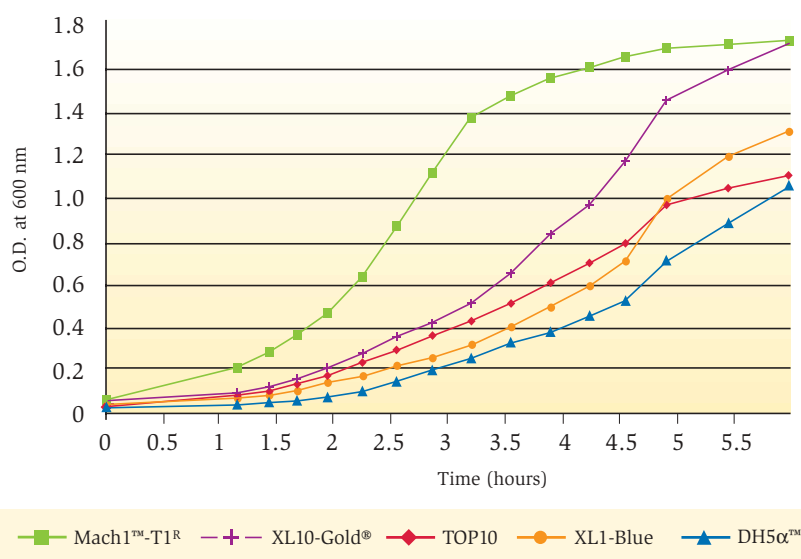
The fastest-growing cloning strain available

If it's speed and dependability you want in your cloning experiments, Mach1™-T1^R *E. coli* is the strain you need. It's the fastest growing strain currently available, with a doubling time that lets you plate and pick colonies in the same day.

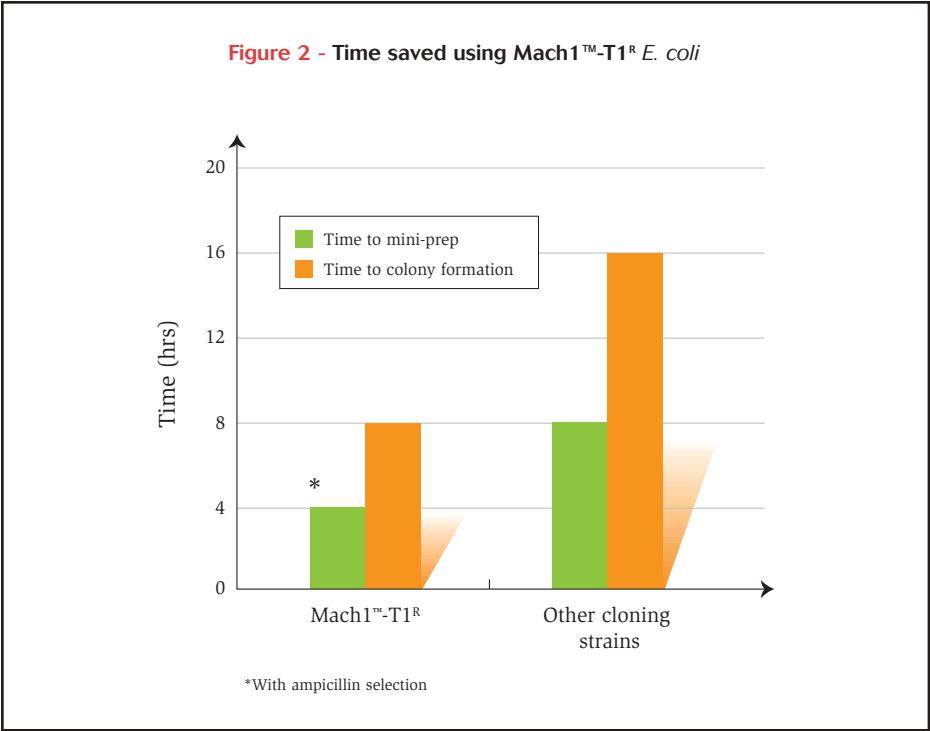
- Perform mini-preps after only four hours of growth
- Obtain colonies in just eight hours*
- Choose convenient single-use, 50- μ l One Shot® tubes or efficient MultiShot™ format for high throughput transformation
- Protect your clones from the damaging effects of T1 phage infection

*With ampicillin selection

Figure 1 - Mach1™-T1^R *E. coli* grows faster than standard cloning strains



Mach1™-T1^R, XL10-Gold®, TOP10, XL1-Blue, and DH5 α ™ *E. coli* were transformed with pUC19 and grown overnight. Each culture was then inoculated 1:50 in 50 ml of LB ampicillin in 500 ml flasks. A₆₀₀ was measured every 30 minutes for 5.5 hours. Mach1™-T1^R cells reach a useful O.D. (e.g. for mini-prep analysis) significantly faster (4 hrs.) than other strains.



Genotype: F⁻ $\phi 80(lacZ)\Delta M15 \Delta lacX74 hsdR(r_K^- m_K^+) \Delta recA1398 endA1 tonA$

Product	Quantity	Efficiency	Cat. no.
One Shot [®] Mach1 [™] T1 Phage-Resistant Chemically Competent <i>E. coli</i>	20 x 50 μ l	>1 x 10 ⁹	C8620-03
MultiShot [™] StripWell Mach1 [™] T1 Phage-Resistant Chemically Competent <i>E. coli</i>	1 plate	>1 x 10 ⁹	C8696-01



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