

# RAPIDCELLS™ *E. coli* Competent Cells

## DNA Transformation in 20 Seconds... without Heat Shock!

RapidCELLS™ are premade, chemically competent strains of *E. coli* made for simple and highly efficient DNA transformation. RapidCELLS™ *E. coli* competent cells are made chemically competent by a method that completely eliminates the need for heat shocking and related procedures. For transformation, simply mix DNA with cells and then spread onto a solid medium. The premade RapidCELLS™ are highly efficient ( $10^8$ - $10^9$  transformants/ $\mu$ g of plasmid DNA) and can be used for cloning, sub-cloning, PCR fragment cloning, library construction, etc. RapidCELLS™ competent cells are supplied as a pack of 5 or 20 convenient 100  $\mu$ l/tube single use aliquots.



Strain	Genotype	Description	Cat. no.	Size
RapidBL21 (DE3)	<i>F ompT hsdS<sub>r</sub>(r<sub>s</sub> m<sub>b</sub>) gal dcm ΔaraB::AR, cat (Cm<sup>r</sup>), λ(DE3)</i>	BL21 with chromosomally inserted, arabinose-inducible λ lysozyme gene; with prophage carrying a T7 polymerase cassette (1 ml 500X L-Arabinose included).	89407-852	5x100 $\mu$ l aliquots (5 tubes)
			89407-846	20x100 $\mu$ l aliquots (20 tubes)
RapidS- $\alpha$	<i>F <math>\phi</math>80lacZAM15 Δ(lacZYA-argF)U169 deoR nupG recA1 endA1 hsdR17 (r<sub>s</sub> m<sub>b</sub>) phoA glnV44 (supE44) thi-1 gyrA96 relA1, Δ-</i>	General cloning, blue-white selection, plasmid isolation (slow growth, some plasmids not stable).	89407-848	5x100 $\mu$ l aliquots (5 tubes)
			89407-850	20x100 $\mu$ l aliquots (20 tubes)