

Competent cells for every application

An overview of competent cells listed by recommended applications

	Cat. no.	Quantity	Transformation efficiency*	Chemically (C) or electro (E) competent	T1 phage resistance (<i>tonA</i>)	Reduces recombination events (<i>recA</i>)	Improves miniprep plasmid DNA quality (<i>endA1</i>)	Blue/white screening (<i>lacZΔM15</i>)
Fast growth								
One Shot® Mach1™ T1 ^R	C8620-03	20 × 50 µl	>1 × 10 ⁹	C	●	●	●	●
MultiShot™ StripWell Mach1™ T1 ^R	C8696-01	1 × 96-well plate	>1 × 10 ⁹	C	●	●	●	●
High-efficiency transformation and library construction								
MegaX DH10B™ T1 ^R Electrocomp™	C6400-03	5 × 100 µl	>3 × 10 ¹⁰	E	●	●	●	●
E-Shot™ DH10B™ T1 ^R Electrocomp™	C5100-03	20 × 25 µl	>1 × 10 ¹⁰	E	●	●	●	●
One Shot® OmniMAX™ 2 T1 ^R	C8540-03	20 × 50 µl	>5 × 10 ⁹	C	●	●	●	●
ElectroMAX™ DH10B™ T1 ^R	12033-015	5 × 100 µl	>1 × 10 ¹⁰	E	●	●	●	●
ElectroMAX™ DH10B™	18290-015	5 × 100 µl	>1 × 10 ¹⁰	E	—	●	●	●
ElectroMAX™ DH5α-E™	11319-019	5 × 100 µl	>1 × 10 ¹⁰	E	—	●	●	●
High-throughput cloning								
MultiShot™ StripWell TOP10	C4096-01	1 × 96-well plate	>1 × 10 ⁸	C	—	●	●	●
MultiShot™ TOP10	C400-05	5 × 96-well plates	>1 × 10 ⁸	C	—	●	●	●
Routine cloning								
MAX Efficiency® DH10B™	18297-010	5 × 200 µl	>1 × 10 ⁹	C	—	●	●	●
MAX Efficiency® DH5α™	18258-012	5 × 200 µl	>1 × 10 ⁹	C	—	●	●	●
One Shot® MAX Efficiency® DH10B™ T1 ^R	12331-013	20 × 50 µl	>1 × 10 ⁹	C	●	●	●	●
One Shot® MAX Efficiency® DH5α™ T1 ^R	12297-016	20 × 50 µl	>1 × 10 ⁹	C	●	●	●	●
One Shot® OmniMAX™ 2 T1 ^R	C8540-03	20 × 50 µl	>5 × 10 ⁹	C	●	●	●	●
One Shot® TOP10	C4040-03	20 × 50 µl	>1 × 10 ⁹	C	—	●	●	●
One Shot® TOP10	C4040-10	10 × 50 µl	>1 × 10 ⁹	C	—	●	●	●
One Shot® TOP10F'	C3030-03	20 × 50 µl	>1 × 10 ⁹	C	—	●	●	●
ElectroMAX™ DH10B™ T1 ^R	12033-015	5 × 100 µl	>1 × 10 ¹⁰	E	●	●	●	●
Library Efficiency® DH5α™	18263-012	5 × 200 µl	>1 × 10 ⁸	C	—	●	●	●
Subcloning Efficiency™ DH5α™	18265-017	4 × 500 µl	>1 × 10 ⁶	C	—	●	●	●
Cloning unstable DNA								
ElectroMAX™ Stbl4™	11635-018	5 × 100 µl	>5 × 10 ⁹	E	—	●	●	●
One Shot® Stbl3™	C7373-03	20 × 50 µl	>1 × 10 ⁸	C	—	●	—	—
MAX Efficiency® Stbl2™	10268-019	5 × 200 µl	>1 × 10 ⁹	C	—	●	●	—
Preparing unmethylated DNA								
One Shot® INV110	C7171-03	20 × 50 µl	>1 × 10 ⁶	C	●	—	●	●
Propagating vectors with the <i>ccdB</i> gene								
Library Efficiency® DB3.1™	11782-018	5 × 200 µl	>1 × 10 ⁸	C	—	●	●	—
One Shot® <i>ccdB</i> Survival™ T1 ^R	C7510-03	10 × 50 µl	>5 × 10 ⁸	C	●	●	●	●

* Transformants/µg pUC19 DNA

For a complete listing of all of Invitrogen's competent cell strains, please visit www.invitrogen.com/compcells.