

CLONING KITS & ENZYMES

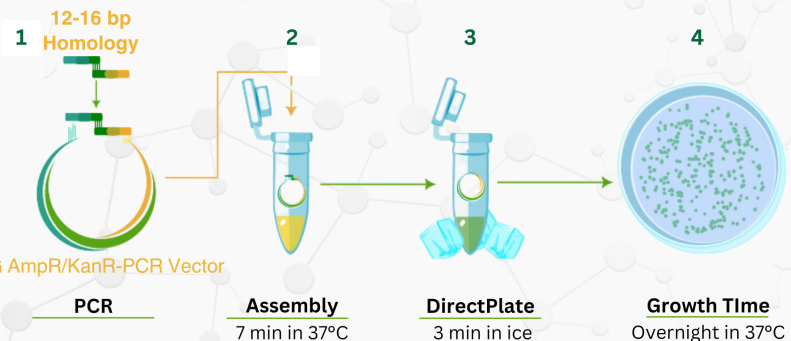
Intact Genomics (IG®) proprietary Quick10™ Cloning kit and DirectPlate® technologies enable simple, rapid and highly efficient cloning. The Quick10™ Cloning kit utilizes homologous assembly which allows for nearly 100% cloning accuracy. This kit enables the direct cloning of one or two DNA fragment(s) (<6kb total) through PCR into linearized cloning-ready ig® AmpR/KanR-pCR vector (4 kb, provided in this kit) .

Product Name	Cat #	Pkg Size	Vol
Quick10™ Cloning Kit	4122	6 rxns	
ig-Fusion™ Cloning Kit	4111	10 rxns	
	4115	50 rxns	
	4117	100 rxns	
ig-Fusion™ Cloning Enzyme Premix	4111-1	10 rxns	
	4115-1	50 rxns	
	4117-1	100 rxns	
T4 DNA Ligase	3212	100,000 rxns	400 units/μl
	3216	100,000 rxns	2000 units/μl
	3217	400,000 rxns	

Product Name	Cat #	Pkg	Vol
Taq DNA Ligase	3219	10,000 units	250μl
T4 Polynucleotide Kinase (PNK)	3232	2500 units	
T4 DNA Polymerase	3222	500 units	



DNA assembly & transformation in 10 mins



Why Choose IG Quick10™ Kit ?

Key Features & Benefits

- Combination of high fidelity PCR, assembly, and DirectPlate® transformation cloning technologies.
- Combination of homologous assembly and ccdB selection, displays <1% false-positive clones or nearly 100% cloning accuracy.
- Assembled/transformed in 10 minutes. Less time and less effort are spent on cloning, transformation, and positive clone screening/identification.

Single selection vector or custom vector available upon request

Applications

- Streamlined cloning of one or two (<6 kb total) DNA fragments
- Single PCR product cloning
- Site-directed mutagenesis
- High throughput cloning



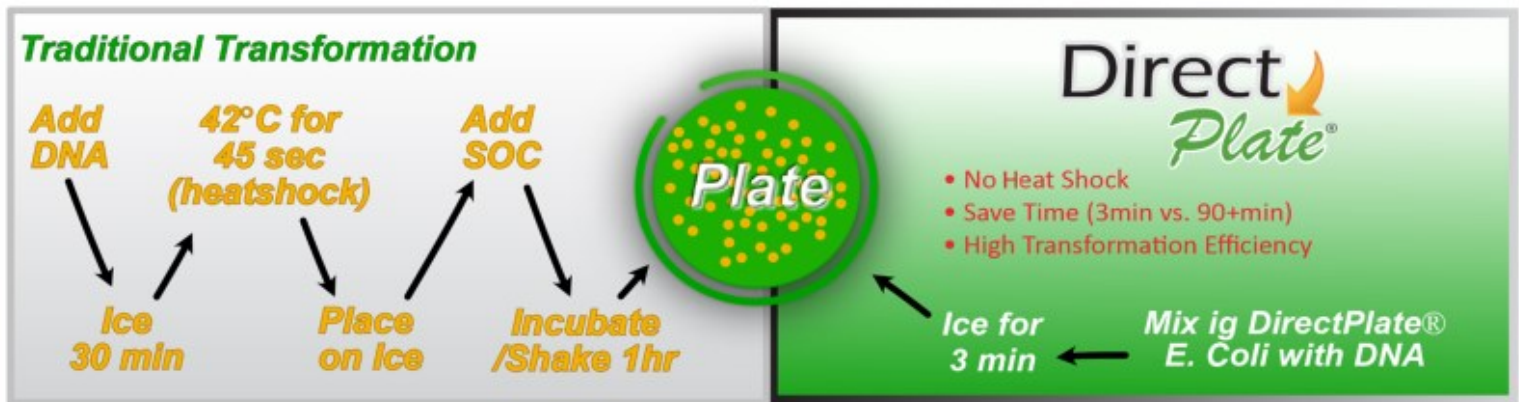
To watch our Quick10™ Cloning video on YouTube

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DIRECTPLATE® CHEMICALLY COMPETENT CELLS

Intact Genomics (ig®) proprietary DirectPlate® chemically competent E. coli cells are the perfect choice for researchers looking to simplify their transformation workflow by eliminating time-consuming heat shock, lengthy incubations, and outgrowth procedures, as illustrated below.



Direct Plate® & **Direct Plate XL™**
For Larger DNA

Chemically Competent Cells

Product Name	Cat #	Volume	Efficiency
DirectPlate® DH5-Alpha	1013-12	12x50 µl	≥1.0 x 10 ⁸
	1013-36	36x50 µl	
DirectPlate® 10B	1015-12	12x50 µl	
	1015-36	36x50 µl	
DirectPlate® BL21 (DE3)	1019-12	12x50 µl	
	1019-36	36x50 µl	
DirectPlate® TG1	1024-12	12x50 µl	
	1024-36	36x50 µl	
DirectPlate XL™ 10B	1094-06	6x50 µl	
	1094-36	36x50 µl	

*The fast and high efficiency transformation procedure works best for plasmids containing Ampicillin resistant markers.

Feature & Benefits

- **Saves Time**
Transformation in 3 minutes
- **Easy to Use**
Chemically Competent Cell
- **Simplified Process**
Mix & plate*
- **Save Money & Equipment**
No heat shock
- **Improve Results**
Robust transformation efficiency
- **Broad Application**
Various strains available
- **Customization**
We provide DirectPlate® competent cells service for your own strain

To watch our DirectPlate® Competent Cells Video on YouTube



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