

Materials List for:

Protocols for C-Brick DNA Standard Assembly Using Cpf1

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Materials

Name	Company	Catalog Number	Comments
Comercial Oligonucleotide	Sangon Biotech		
10x Taq PCR Buffer	Transgen	#J40928	
Ultra Pure Distilled Water	Invitrogen	10977-015	
5x RNA Transcription Buffer	Thermo Scientific	K0441	
T7 RNA polymerase	Thermo Scientific	#EP0111	
NTP mixture	Sangon	#ND0056	
RRI (Recombinant RNase Inhibitor)	Takara	2313A	
RNA Clean & Concentrator-5	Zymo Research	R1015	
UV-Vis Spectrometer	Thermo Scientific	Nano-Drop 2000c	
2x Phanta Max Buffer	Vazyme	PB505	PCR buffer
dNTPs	Transgen	AD101	
Phanta Max Super-Fidelity DNA Polymerase	Vazyme	P505-d1	
Ezmax for One-step Cloning	Tolobio	24303-1	seamless assembly kit
5x Buffer for Ezmax One-step Cloning	Tolobio	32006	
BamHI	NEB	#R0136L	
BamHI-HF	NEB	#R3136L	
BglII	NEB	#R0144L	
XbaI	NEB	#R0145L	
SpeI	NEB	#R3133L	
10x Buffer 3	NEB	#B7003S	
10x CutSmart Buffer	NEB	B7204S	
10x T4 DNA ligase Buffer	Tolobio	32002	
T4 PNK	Tolobio	32206	
T4 DNA ligase	Tolobio	32210	
DpnI	NEB	#R01762	
SV Gel and PCR clean-up system	Promega	A9282	
Plasmid Mini Kit I	Omega	D6943-02	plasmid preparation kit
thermosensitive alkaline phosphatase	Thermo Scientific	#EF0651	FastAP
10x Cpf1 buffer	Tolobio	32008	
Cpf1	Tolobio	32105	FnCpf1
thermocycler	Applied Biosystems	veriti 96 well	
C-Brick standard vector	Tolobio	98101	

E. coli [DH10B]	Invitrogen	18297010	
Luria-Bertani media (tryptone)	Oxoid	LP0042	
Luria-Bertani media (yeast extract)	Oxoid	LP0021	
Luria-Bertani media (NaCl)	Sangon Biotech	B126BA0007	