University of California, Berkeley
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NEB #	Buffers	Size	Stockroom #
B7004S	NEBuffer™ 4	5 ml	6-7004
B9004S	ThermoPol® Reaction Buffer	6 ml	6-7016
NEB #	**Competent Cells**	**Size**	**Stockroom #**
C3019I	NEB® 10-beta Competent *E. coli* (High Efficiency)	6 x 0.2 ml	6-5403
C3019H	NEB® 10-beta Competent *E. coli* (High Efficiency)	20 x 0.05 ml	6-5402
C2987H	NEB® 5-alpha Competent *E. coli* (High Efficiency)	20 x 0.05 ml	6-5400
C2988J	NEB® 5-alpha Competent *E. coli* (Subcloning Efficiency)	6 x 0.4 ml	6-5401
NEB #	**Discontinued**	**Size**	**Stockroom #**
B8001S	Diluent A	5 ml	6-2000
NEB #	**DNA Assembly, Cloning and Mutagenesis Kits**	**Size**	**Stockroom #**
E1202S	NEB® PCR Cloning Kit	20 reactions	6-2653
E5520S	NEBuilder® HiFi DNA Assembly Cloning Kit	10 reactions	6-2656
E2621S	NEBuilder® HiFi DNA Assembly Master Mix	10 reactions	6-2654
E2621L	NEBuilder® HiFi DNA Assembly Master Mix	50 reactions	6-2655
NEB #	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Stockroom #**
M0289S	Antarctic Phosphatase	1,000 units	6-2819
M0303S	DNase I (RNase-free)	1,000 units	6-2121
E3321S	EnGen® Mutation Detection Kit	25 reactions	6-2661
M0212S	Klenow Fragment (3´→5´ exo-)	200 units	6-2095
M0250S	Mung Bean Nuclease	1,500 units	6-2500
M2200S	Quick Ligation™ Kit	30 reactions	6-0032
M0202S	T4 DNA Ligase	20,000 units	6-2880
M0202T	T4 DNA Ligase	20,000 units	6-2890
M0201S	T4 Polynucleotide Kinase	500 units	6-2870
NEB #	**Genome Editing**	**Size**	**Stockroom #**
M0386S	Cas9 Nuclease, *S. pyogenes*	90 pmol	6-2657
E3322S	EnGen® sgRNA Synthesis Kit, *S. pyogenes*	20 reactions	6-2660
M0646M	EnGen® Spy Cas9 NLS	2,500 pmol	6-2659
M0646T	EnGen® Spy Cas9 NLS	500 pmol	6-2658
NEB #	**Markers & Ladders**	**Size**	**Stockroom #**
N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	6-2881

N0556S	Quick-Load® Purple 50 bp DNA Ladder	250 gel lanes (1.25 ml)	6-2883
N0468S	Quick-Load® 1 kb DNA Ladder	125 gel lanes (1.25 ml)	6-2885
N0467S	Quick-Load® 100 bp DNA Ladder	125 gel lanes (1.25 ml)	6-2884
NEB #	**Nucleic Acid Purification**	**Size**	**Stockroom #**
T3010S	Monarch® Spin gDNA Extraction Kit	50 preps	1-1927
T3010L	Monarch® Spin gDNA Extraction Kit	150 preps	1-1928
NEB #	**PCR, Polymerases & Amplification Technologies**	**Size**	**Stockroom #**
M0210S	DNA Polymerase I, Large (Klenow) Fragment	200 units	6-2100
M0494S	Q5® Hot Start High-Fidelity 2X Master Mix	100 reactions	6-2000
M0494L	Q5® Hot Start High-Fidelity 2X Master Mix	500 reactions	6-4713
M0493L	Q5® Hot Start High-Fidelity DNA Polymerase	500 units	6-4540
M0492S	Q5® High-Fidelity 2X Master Mix	100 reactions (50 µl)	6-2652
M0491L	Q5® High-Fidelity DNA Polymerase	500 units	6-4706
M0491S	Q5® High-Fidelity DNA Polymerase	100 units	6-4705
M0203S	T4 DNA Polymerase	150 units	6-2900
M0267S	*Taq* DNA Polymerase with ThermoPol® Buffer	400 units	6-2370
M0254S	Vent® DNA Polymerase	200 units	6-2110
NEB #	**Restriction Endonucleases**	**Size**	**Stockroom #**
R0117S	AatII	500 units	6-2690
R0558S	AscI	500 units	6-2711
R0174S	AvrII	100 units	6-2712
R0136S	BamHI	10,000 units	6-0030
R3136S	BamHI-HF®	10,000 units	6-9030
R0144S	BglII	2,000 units	6-2720
R0517S	BspHI	500 units	6-2730
R0197S	ClaI	1,000 units	6-2735
R0176S	DpnI	1,000 units	6-2115
R0129S	DraI	2,000 units	6-2120
R0101S	EcoRI	10,000 units	6-2740
R3101S	EcoRI-HF®	10,000 units	6-9740
R0195S	EcoRV	4,000 units	6-2750
R0588S	FseI	100 units	6-2755
R0104S	HindIII	10,000 units	6-2760
R3142S	KpnI-HF®	4,000 units	6-9761
R0193S	NcoI	1,000 units	6-2230
R0111S	NdeI	4,000 units	6-2790
R0189S	NotI	500 units	6-0130
R3189S	NotI-HF®	500 units	6-9130
R0547S	PacI	250 units	6-2815
R0140S	PstI	10,000 units	6-2270
R0138S	SalI	2,000 units	6-2290

R3138S	SalI-HF®	2,000 units	6-9290
R0569S	SapI	250 units	6-2300
R3122S	ScaI-HF®	1,000 units	6-9825
R0141S	SmaI	2,000 units	6-2320
R0130S	SnaBI	500 units	6-2490
R0182S	SphI	500 units	6-2340
R0187S	StuI	1,000 units	6-2360
R0145S	XbaI	3,000 units	6-2380
R0146S	XhoI	5,000 units	6-2390
R0180S	XmaI	500 units	6-2850
R0194S	XmnI	1,000 units	6-2860
NEB #	**RNA Synthesis and Modification**	**Size**	**Stockroom #**
E2040S	HiScribe® T7 High Yield RNA Synthesis Kit	50 reactions	6-2650
E2050S	HiScribe® T7 Quick High Yield RNA Synthesis Kit	50 reactions	6-2651

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