

Tray	NEB #	Buffers	Size	Quantity Available
15	B9007S	$\beta$ -Nicotinamide adenine dinucleotide (NAD <sup>+</sup> )	0.2 ml	2
Tray	NEB #	DNA Assembly, Cloning and Mutagenesis Kits	Size	Quantity Available
12	E2611S	Gibson Assembly <sup>®</sup> Master Mix	10 reactions	2
12	E2621S	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mix	10 reactions	2
12	E2621L	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mix	50 reactions	2
Tray	NEB #	DNA Modifying Enzymes and Cloning Technologies	Size	Quantity Available
11	M0212L	Klenow Fragment (3'→5' exo-)	1,000 units	1
11	M0212S	Klenow Fragment (3'→5' exo-)	200 units	2
10	M0525S	Quick CIP	1,000 units	1
10	M2200S	Quick Ligation™ Kit	30 reactions	2
10	M0371S	Shrimp Alkaline Phosphatase (rSAP)	500 units	1
10	M0202L	T4 DNA Ligase	100,000 units	3
10	M0202S	T4 DNA Ligase	20,000 units	3
11	M0201S	T4 Polynucleotide Kinase	500 units	2
11	M0201L	T4 Polynucleotide Kinase	2,500 units	2
10	M0208L	Taq DNA Ligase	10,000 units	2
Tray	NEB #	Markers & Ladders	Size	Quantity Available
13	N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	2
13	N3232L	1 kb DNA Ladder	1,000 gel lanes (1 ml)	2
13	N3231L	100 bp DNA Ladder	500 gel lanes (0.5 ml)	2
13	N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	2
14	N3238S	Fast DNA Ladder	1 ml	3
14	N0552S	Quick-Load <sup>®</sup> Purple 1 kb DNA Ladder	125 gel lanes (1.25 ml)	2
14	N0551S	Quick-Load <sup>®</sup> Purple 100 bp DNA Ladder	125 gel lanes (1.25 ml)	2
Tray	NEB #	Nucleic Acid Purification	Size	Quantity Available
RTC	T2010S	Monarch <sup>®</sup> Total RNA Miniprep Kit	50 preps	2
6	E1050S	Exo-CIP™ Rapid PCR Cleanup Kit	100 reactions	2
RTC	T1034L	Monarch <sup>®</sup> DNA Cleanup Columns (5 µg)	100 columns	1
RTC	T1030S	Monarch <sup>®</sup> PCR & DNA Cleanup Kit (5 µg)	50 preps	2
RTC	T1010S	Monarch <sup>®</sup> Plasmid Miniprep Kit	50 preps	1
RTC	T1130S	Monarch <sup>®</sup> Spin PCR & DNA Cleanup Kit (5 µg)	50 preps	2
RTC	T1110S	Monarch <sup>®</sup> Spin Plasmid Miniprep Kit	50 preps	2
RTC	T1110L	Monarch <sup>®</sup> Spin Plasmid Miniprep Kit	250 preps	1
Tray	NEB #	PCR, Polymerases & Amplification Technologies	Size	Quantity Available
8	N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	2
9	E3005S	Luna <sup>®</sup> Universal One-Step RT-qPCR Kit	200 reactions	2
9	M3003S	Luna <sup>®</sup> Universal qPCR Master Mix	200 reactions	2
9	E3010S	LunaScript <sup>®</sup> RT SuperMx Kit	25 reactions	2
6	M0486L	OneTaq <sup>®</sup> Quick-Load <sup>®</sup> 2X Master Mix with Standard Buffer	500 reactions (50 µl)	1
6	M0520L	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	500 units	2

8	M0530L	Phusion <sup>™</sup> High-Fidelity DNA Polymerase	500 units	2
8	M0530S	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	100 units	2
7	M0492S	Q5 <sup>®</sup> High-Fidelity 2X Master Mix	100 reactions (50 µl)	2
7	M0491L	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	500 units	2
7	M0491S	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	100 units	2
7	M0494S	Q5 <sup>®</sup> Hot Start High-Fidelity 2X Master Mix	100 reactions	2
7	M0493S	Q5 <sup>®</sup> Hot Start High-Fidelity DNA Polymerase	100 units	2
6	M0203S	T4 DNA Polymerase	150 units	2
Tray	NEB #	Protein Tools	Size	Quantity Available
15	P8107S	Proteinase K, Molecular Biology Grade	2 ml	2
Tray	NEB #	Restriction Endonucleases	Size	Quantity Available
1	R3552S	AgeI-HF <sup>®</sup>	300 units	2
1	R0558S	Ascl	500 units	2
1	R3136S	BamHI-HF <sup>®</sup>	10,000 units	2
1	R0144S	BglII	2,000 units	2
1	R3733S	BsaI-HF <sup>®</sup> v2	1,000 units	2
2	R0739S	BsmBI-v2	200 units	2
2	R0176S	DpnI	1,000 units	2
2	R0176L	DpnI	5,000 units	2
2	R3101S	EcoRI-HF <sup>®</sup>	10,000 units	2
2	R3104S	HindIII-HF <sup>®</sup>	10,000 units	2
3	R3193S	NcoI-HF <sup>®</sup>	1,000 units	3
3	R0111S	NdeI	4,000 units	2
3	R3131S	NheI-HF <sup>®</sup>	1,000 units	2
3	R3189S	NotI-HF <sup>®</sup>	500 units	2
3	R3189L	NotI-HF <sup>®</sup>	2,500 units	2
3	R0547S	PacI	250 units	2
4	R3156S	SacI-HF <sup>®</sup>	2,000 units	2
4	R3138S	Sall-HF <sup>®</sup>	2,000 units	2
4	R3642L	SbfI-HF <sup>®</sup>	2,500 units	2
4	R0141S	SmaI	2,000 units	1
5	R3133S	SpeI-HF <sup>®</sup>	500 units	2
5	R3182S	SphI-HF <sup>®</sup>	500 units	2
5	R0145S	XbaI	3,000 units	2
5	R0146S	XhoI	5,000 units	2
5	R0180S	XmaI	500 units	2
Tray	NEB #	RNA Synthesis and Modification	Size	Quantity Available
8	M0251S	T7 RNA Polymerase	5,000 units	2

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