

10	B7024S	Gel Loading Dye, Purple (6X)	4 ml	2
<b>Tray</b>	<b>NEB #</b>	<b>DNA Assembly, Cloning and Mutagenesis Kits</b>	<b>Size</b>	<b>Quantity Available</b>
5	E2621S	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mix	10 reactions	2
<b>Tray</b>	<b>NEB #</b>	<b>DNA Modifying Enzymes and Cloning Technologies</b>	<b>Size</b>	<b>Quantity Available</b>
5	M2200S	Quick Ligation <sup>™</sup> Kit	30 reactions	2
5	M0202L	T4 DNA Ligase	100,000 units	2
5	M0202S	T4 DNA Ligase	20,000 units	2
<b>Tray</b>	<b>NEB #</b>	<b>Markers &amp; Ladders</b>	<b>Size</b>	<b>Quantity Available</b>
8	N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	2
8	N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	2
8	N3231L	100 bp DNA Ladder	500 gel lanes (0.5 ml)	2
9	N0552S	Quick-Load <sup>®</sup> Purple 1 kb DNA Ladder	125 gel lanes (1.25 ml)	2
9	N0550S	Quick-Load <sup>®</sup> Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	2
<b>Tray</b>	<b>NEB #</b>	<b>Nucleic Acid Purification</b>	<b>Size</b>	<b>Quantity Available</b>
RTC	T1030S	Monarch <sup>®</sup> PCR & DNA Cleanup Kit (5 µg)	50 preps	1
RTC	T1010S	Monarch <sup>®</sup> Plasmid Miniprep Kit	50 preps	1
RTC	T1110S	Monarch <sup>®</sup> Spin Plasmid Miniprep Kit	50 preps	1
<b>Tray</b>	<b>NEB #</b>	<b>PCR, Polymerases &amp; Amplification Technologies</b>	<b>Size</b>	<b>Quantity Available</b>
6	N0446S	Deoxynucleotide (dNTP) Solution Set	25 µmol	2
6	M0486L	OneTaq <sup>®</sup> Quick-Load <sup>®</sup> 2X Master Mix with Standard Buffer	500 reactions (50 µl)	1
6	M0486S	OneTaq <sup>®</sup> Quick-Load <sup>®</sup> 2X Master Mix with Standard Buffer	100 reactions (50 µl)	2
7	M0530S	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	100 units	1
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	3
7	M0493S	Q5 <sup>®</sup> Hot Start High-Fidelity DNA Polymerase	100 units	2
<b>Tray</b>	<b>NEB #</b>	<b>Restriction Endonucleases</b>	<b>Size</b>	<b>Quantity Available</b>
1	R3552S	AgeI-HF <sup>®</sup>	300 units	2
1	R3136S	BamHI-HF <sup>®</sup>	10,000 units	2
1	R0176S	DpnI	1,000 units	1
2	R3131S	NheI-HF <sup>®</sup>	1,000 units	2
3	R3189S	NotI-HF <sup>®</sup>	500 units	1
3	R0547S	PacI	250 units	2
3	R3138S	Sall-HF <sup>®</sup>	2,000 units	1
4	R0145S	XbaI	3,000 units	1
4	R0146S	XhoI	5,000 units	2