University of Maryland College Park NEBnow®
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Tray	NEB #	DNA Assembly, Cloning and Mutagenesis Kits	Size	Quantity Available
6	E2621L	NEBuilder® HiFi DNA Assembly Master Mix	50 reactions	1
6	E2621S	NEBuilder® HiFi DNA Assembly Master Mix	10 reactions	2
6	E0552S	Q5® Site-Directed Mutagenesis Kit (Without Competent Cells)	10 reactions	1
Tray	**NEB #**	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Quantity Available**
5	M0202S	T4 DNA Ligase	20,000 units	2
5	M0202L	T4 DNA Ligase	100,000 units	out of stock
4	M0201S	T4 Polynucleotide Kinase	500 units	2
Tray	**NEB #**	**Markers & Ladders**	**Size**	**Quantity Available**
11	N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	1
11	N3200S	1 kb Plus DNA Ladder	200 gel lanes (0.1 ml)	1
12	N0550S	Quick-Load® Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	1
12	N0551S	Quick-Load® Purple 100 bp DNA Ladder	125 gel lanes (1.25 ml)	1
Tray	**NEB #**	**Nucleic Acid Purification**	**Size**	**Quantity Available**
RTC	T2037L	Monarch® Spin Columns S1A and Tubes	100 columns	1
RTC	T1120S	Monarch® Spin DNA Gel Extraction Kit	50 preps	1
RTC	T3010S	Monarch® Spin gDNA Extraction Kit	50 preps	1
RTC	T1130L	Monarch® Spin PCR & DNA Cleanup Kit (5 µg)	250 preps	2
RTC	T1130S	Monarch® Spin PCR & DNA Cleanup Kit (5 µg)	50 preps	2
RTC	T1110S	Monarch® Spin Plasmid Miniprep Kit	50 preps	1
Tray	**NEB #**	**PCR, Polymerases & Amplification Technologies**	**Size**	**Quantity Available**
10	N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	3
10	N0447L	Deoxynucleotide (dNTP) Solution Mix	40 µmol	2
10	N0446S	Deoxynucleotide (dNTP) Solution Set	25 µmol	1
10	M0287L	LongAmp® *Taq* 2X Master Mix	500 reactions (50 µl)	1
10	E3010S	LunaScript® RT SuperMix Kit	25 reactions	1
10	M0253L	M-MuLV Reverse Transcriptase	50,000 units	2
9	M0530L	Phusion™ High-Fidelity DNA Polymerase	500 units	1
9	M0530S	Phusion™ High-Fidelity DNA Polymerase	100 units	1
9	M0491S	Q5® High-Fidelity DNA Polymerase	100 units	3
9	M0491L	Q5® High-Fidelity DNA Polymerase	500 units	3
8	M0273S	*Taq* DNA Polymerase with Standard *Taq* Buffer	400 units	2
8	M0273L	*Taq* DNA Polymerase with Standard *Taq* Buffer	2,000 units	2

Tray	NEB #	Protein Tools	Size	Quantity Available
8	P8111S	Thermolabile Proteinase K	30 units	2
Tray	**NEB #**	**Restriction Endonucleases**	**Size**	**Quantity Available**
1	R3733S	BsaI-HF®v2	1,000 units	2
1	R3553S	BsiWI-HF®	300 units	1
3	R3189S	NotI-HF®	500 units	1
3	R3140S	PstI-HF®	10,000 units	1
3	R0569S	SapI	250 units	2
3	R0180S	XmaI	500 units	2

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