University of Massachusetts Amherst NEBnow
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Tray	NEB #	DNA Assembly, Cloning and Mutagenesis Kits	Size	Quantity Available
8	E2621S	NEBuilder® HiFi DNA Assembly Master Mix	10 reactions	3
Tray	**NEB #**	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Quantity Available**
10	M0202S	T4 DNA Ligase	20,000 units	1
10	M0202L	T4 DNA Ligase	100,000 units	1
Tray	**NEB #**	**Markers & Ladders**	**Size**	**Quantity Available**
11	N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	2
11	N3200S	1 kb Plus DNA Ladder	200 gel lanes (0.1 ml)	2
11	N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	1
12	N0550S	Quick-Load® Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	1
Tray	**NEB #**	**Nucleic Acid Purification**	**Size**	**Quantity Available**
SH 4	T1120S	Monarch® Spin DNA Gel Extraction Kit	50 preps	1
SH 1	T2110S	Monarch® Spin RNA Isolation Kit (Mini)	50 preps	1
Tray	**NEB #**	**PCR, Polymerases & Amplification Technologies**	**Size**	**Quantity Available**
7	N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	1
6	M0530S	Phusion™ High-Fidelity DNA Polymerase	100 units	3
12	M0530L	Phusion™ High-Fidelity DNA Polymerase	500 units	2
6	M0491L	Q5® High-Fidelity DNA Polymerase	500 units	1
5	M0273S	*Taq* DNA Polymerase with Standard *Taq* Buffer	400 units	1
Tray	**NEB #**	**Protein Tools**	**Size**	**Quantity Available**
13	P8107S	Proteinase K, Molecular Biology Grade	2 ml	1
Tray	**NEB #**	**Restriction Endonucleases**	**Size**	**Quantity Available**
2	R0176L	DpnI	5,000 units	1
2	R0176S	DpnI	1,000 units	1
2	R3101S	EcoRI-HF®	10,000 units	1
3	R3104S	HindIII-HF®	10,000 units	2
4	R3142S	KpnI-HF®	4,000 units	2
3	R3189S	NotI-HF®	500 units	1
3	R3156S	SacI-HF®	2,000 units	1
4	R0145S	XbaI	3,000 units	1

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