

Tray	NEB #	Buffers	Size	Quantity Available
1	B0293S	Exonuclease I Reaction Buffer	6 ml	2
1	B0537S	Isothermal Amplification Buffer Pack	6 ml	1
Tray	NEB #	DNA Modifying Enzymes and Cloning Technologies	Size	Quantity Available
2	M0303S	DNase I (RNase-free)	1,000 units	1
2	M0293L	Exonuclease I ( <i>E. coli</i> )	15,000 units	4
2	M0202L	T4 DNA Ligase	100,000 units	2
2	M0202S	T4 DNA Ligase	20,000 units	2
3	M0568L	Thermolabile Exonuclease I	15,000 units	1
Tray	NEB #	Markers & Ladders	Size	Quantity Available
3	N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	2
Tray	NEB #	Nucleic Acid Purification	Size	Quantity Available
SH 4	T2010S	Monarch <sup>®</sup> Total RNA Miniprep Kit	50 preps	1
SH 2	T1120S	Monarch <sup>®</sup> Spin DNA Gel Extraction Kit	50 preps	1
SH 4	T3010S	Monarch <sup>®</sup> Spin gDNA Extraction Kit	50 preps	1
SH 3	T1130S	Monarch <sup>®</sup> Spin PCR & DNA Cleanup Kit (5 µg)	50 preps	1
SH 1	T1110L	Monarch <sup>®</sup> Spin Plasmid Miniprep Kit	250 preps	1
SH 1	T1110S	Monarch <sup>®</sup> Spin Plasmid Miniprep Kit	50 preps	2
SH 4	T2110S	Monarch <sup>®</sup> Spin RNA Isolation Kit (Mini)	50 preps	1
Tray	NEB #	PCR, Polymerases & Amplification Technologies	Size	Quantity Available
4	M0538L	<i>Bst</i> 2.0 WarmStart <sup>®</sup> DNA Polymerase	8,000 units	4
4	N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	2
4	N0446S	Deoxynucleotide (dNTP) Solution Set	25 µmol	2
4	E3005S	Luna <sup>®</sup> Universal One-Step RT-qPCR Kit	200 reactions	2
5	M0541L	NEBNext <sup>®</sup> High-Fidelity 2X PCR Master Mix	250 reactions	7
5	M0544L	NEBNext <sup>®</sup> Ultra <sup>™</sup> II Q5 <sup>®</sup> Master Mix	250 reactions	1
5	E5310S	OneTaq <sup>®</sup> RT-PCR Kit	30 reactions	1
5	M0530S	Phusion <sup>™</sup> High-Fidelity DNA Polymerase	100 units	2
5	M0494S	Q5 <sup>®</sup> Hot Start High-Fidelity 2X Master Mix	100 reactions	2
5	M0491S	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	100 units	2
5	M0297L	RNase H	1,250 units	5
Tray	NEB #	Protein Tools	Size	Quantity Available
6	P8107S	Proteinase K, Molecular Biology Grade	2 ml	2

Tray	NEB #	Restriction Endonucleases	Size	Quantity Available
7	R3552S	Agel-HF®	300 units	2
7	R0176S	DpnI	1,000 units	2
7	R3131S	NheI-HF®	1,000 units	2
7	R3189S	NotI-HF®	500 units	2

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