

NEB #	Buffers	Size	Quantity Available
B7024S	Gel Loading Dye, Purple (6X)	4 ml	2
NEB #	DNA Assembly, Cloning and Mutagenesis Kits	Size	Quantity Available
E2621S	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mx	10 reactions	2
E2621L	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mx	50 reactions	1
E0552S	Q5 <sup>®</sup> Site-Directed Mutagenesis Kit (Without Competent Cells)	10 reactions	1
NEB #	DNA Modifying Enzymes and Cloning Technologies	Size	Quantity Available
M0303S	DNase I (RNase-free)	1,000 units	2
E3321S	EnGen <sup>®</sup> Mutation Detection Kit	25 reactions	1
M0212S	Klenow Fragment (3'→5' exo-)	200 units	1
M0525S	Quick CIP	1,000 units	2
M2200S	Quick Ligation <sup>™</sup> Kit	30 reactions	2
M0371S	Shrimp Alkaline Phosphatase (rSAP)	500 units	1
M0202M	T4 DNA Ligase	100,000 units	1
M0202S	T4 DNA Ligase	20,000 units	4
M0202L	T4 DNA Ligase	100,000 units	2
B0202S	T4 DNA Ligase Reaction Buffer	5 ml	2
M0201L	T4 Polynucleotide Kinase	2,500 units	1
M0201S	T4 Polynucleotide Kinase	500 units	2
M0302S	T7 Endonuclease I	250 units	1
NEB #	Genome Editing	Size	Quantity Available
E3322S	EnGen <sup>®</sup> sgRNA Synthesis Kit, <i>S. pyogenes</i>	20 reactions	1
M0646T	EnGen <sup>®</sup> Spy Cas9 NLS	500 pmol	1
NEB #	Markers & Ladders	Size	Quantity Available
N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	2
N3200S	1 kb Plus DNA Ladder	200 gel lanes (0.1 ml)	2
N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	3
N0552S	Quick-Load <sup>®</sup> Purple 1 kb DNA Ladder	125 gel lanes (1.25 ml)	2
N0550S	Quick-Load <sup>®</sup> Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	1
N0551S	Quick-Load <sup>®</sup> Purple 100 bp DNA Ladder	125 gel lanes (1.25 ml)	2
NEB #	Next Generation Sequencing Library Preparation	Size	Quantity Available
E7630S	NEBNext <sup>®</sup> Library Quant Kit for Illumina <sup>®</sup>	100 reactions	1
NEB #	PCR, Polymerases & Amplification Technologies	Size	Quantity Available
N0447S	Deoxynucleotide (dNTP) Solution Mx	8 μmol	2
N0446S	Deoxynucleotide (dNTP) Solution Set	25 μmol	2
M0210S	DNA Polymerase I, Large (Klenow) Fragment	200 units	1
E3005L	Luna <sup>®</sup> Universal One-Step RT-qPCR Kit	500 reactions	1
E3005S	Luna <sup>®</sup> Universal One-Step RT-qPCR Kit	200 reactions	1
E3006S	Luna <sup>®</sup> Universal Probe One-Step RT-qPCR Kit	200 reactions	1
M0004S	Luna <sup>®</sup> Universal Probe qPCR Master Mx	200 reactions	1

M8003S	Luna <sup>®</sup> Universal qPCR Master Mix	200 reactions	1
M8003L	Luna <sup>®</sup> Universal qPCR Master Mix	500 reactions	1
E3010S	LunaScript <sup>®</sup> RT SuperMix Kit	25 reactions	1
M0480L	OneTaq <sup>®</sup> DNA Polymerase	1,000 units	1
M0480S	OneTaq <sup>®</sup> DNA Polymerase	200 units	2
M0486L	OneTaq <sup>®</sup> Quick-Load <sup>®</sup> 2X Master Mix with Standard Buffer	500 reactions (50 µl)	2
M0530S	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	100 units	2
M0530L	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	500 units	2
E6560S	ProtoScript <sup>®</sup> II First Strand cDNA Synthesis Kit	30 reactions	2
M0368S	ProtoScript <sup>®</sup> II Reverse Transcriptase	4,000 units	2
M0491L	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	500 units	2
M0491S	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	100 units	2
M0297S	RNase H	250 units	1
M0314S	RNase Inhibitor, Murine	3,000 units	1
M0203S	T4 DNA Polymerase	150 units	1
M0267L	Taq DNA Polymerase with ThermoPol <sup>®</sup> Buffer	2,000 units	2
NEB #	Protein Tools	Size	Quantity Available
P7718S	Blue Prestained Protein Standard, Broad Range (11-250 kDa)	150 gel lanes	2
P7719S	Color Prestained Protein Standard, Broad Range (10-250 kDa)	150 gel lanes	2
P8107S	Proteinase K, Molecular Biology Grade	2 ml	2
NEB #	Restriction Endonucleases	Size	Quantity Available
R3552S	AgeI-HF <sup>®</sup>	300 units	2
R0558S	Ascl	500 units	1
R0174S	AvrII	100 units	1
R3136S	BamHI-HF <sup>®</sup>	10,000 units	2
R0144S	BglII	2,000 units	2
R0176S	DpnI	1,000 units	1
R3101S	EcoRI-HF <sup>®</sup>	10,000 units	3
R3195S	EcoRV-HF <sup>®</sup>	4,000 units	2
R3195L	EcoRV-HF <sup>®</sup>	20,000 units	1
R3104S	HindIII-HF <sup>®</sup>	10,000 units	2
R3142S	KpnI-HF <sup>®</sup>	4,000 units	1
R3193S	NcoI-HF <sup>®</sup>	1,000 units	2
R0111S	NdeI	4,000 units	2
R3131S	NheI-HF <sup>®</sup>	1,000 units	1
R3189S	NotI-HF <sup>®</sup>	500 units	3
R3156S	SacI-HF <sup>®</sup>	2,000 units	1
R3138S	Sall-HF <sup>®</sup>	2,000 units	3
R3133S	SpeI-HF <sup>®</sup>	500 units	2
R0145S	XbaI	3,000 units	2
R0146S	XhoI	5,000 units	2
R0180S	XmaI	500 units	1
NEB #	RNA Synthesis and Modification	Size	Quantity Available
E2050S	HiScribe <sup>®</sup> T7 Quick High Yield RNA Synthesis Kit	50 reactions	1

