NEW ENGLAND BioLabs Inc.
enabling technologies in the life sciences

UMass Med. School

Freezer Program Requisition Form

Name, Last Name Req:		**Date:**
P.I.:	**Dept:**	**Room:**
Ext:	**Acct #:**	

NEW ENGLAND BIOLABS -- 100000

NEB Cat. #	*Restriction Enzymes*	Unit Size	Qty Ordered	Retail Price	UMMC Price
R0520S	**AflII**	2,000		$59	**$49**
R3552S	**AgeI-HF™**	300		$66	**$55**
R0114S	**ApaI**	5,000		$64	**$53**
R0558S	**AscI**	500		$62	**$52**
R0174S	**AvrII**	100		$64	**$53**
R3136S	**BamHI-HF™**	10,000		$54	**$45**
R0160S	**BclI**	3,000		$54	**$45**
R0144S	**BglII**	2,000		$54	**$45**
R0553S	**BsiWI**	300		$62	**$52**
R0197S	**ClaI**	1,000		$59	**$49**
R0176S	**DpnI**	1,000		$59	**$49**
R3505S	**EagI-HF™**	500		$59	**$49**
R3101S	**EcoRI-HF™**	10,000		$54	**$45**
R3195S	**EcoRV-HF™**	4,000		$54	**$45**
R3104S	**HindIII-HF™**	10,000		$54	**$45**
R0105S	**HpaI**	500		$57	**$47**
R3142S	**KpnI-HF™**	4,000		$59	**$49**
R3589S	**MfeI-HF™**	500		$67	**$56**
R0198S	**MluI**	1,000		$59	**$49**
R3193L	**NcoI-HF™**	5,000		$228	**$190**
R3193S	**NcoI-HF™**	1,000		$57	**$47**
R0111S	**NdeI**	4,000		$59	**$49**
R3131S	**NheI-HF™**	1,000		$62	**$52**
R3189S	**NotI-HF™**	500		$67	**$56**
R0547S	**PacI**	250		$63	**$52**
R0560S	**PmeI**	500		$67	**$56**
R3140S	**PstI-HF™**	10,000		$59	**$49**
R0150S	**PvuI**	500		$66	**$55**
R3151S	**PvuII-HF™**	5,000		$54	**$45**
R3156S	**SacI-HF™**	2,000		$54	**$45**
R0157S	**SacII**	2,000		$57	**$47**
R3138S	**SalI-HF™**	2,000		$57	**$47**
R0569S	**SapI**	50		$62	**$52**
R0141S	**SmaI**	2,000		$57	**$47**
R0133L	**SpeI**	2,500		$248	**$206**
R0133S	**SpeI**	500		$62	**$52**
R3182S	**SphI-HF™**	500		$62	**$52**
R0187S	**StuI**	1,000		$57	**$47**
R0145S	**XbaI**	3,000		$64	**$53**
R0146L	**XhoI**	25,000		$256	**$213**
R0146S	**XhoI**	5,000		$64	**$53**
R0180S	**XmaI**	500		$62	**$52**
R0194S	**XmnI**	1,000		$57	**$47**

NEB Cat. #	*Additional Products*	Unit Size	Qty Ordered	Retail Price	UMMC Price

NEB Cat#	*Polymerases & Amplification Technologies*	Unit Size	Qty Ordered	Retail Price	UMMC Price
M0273L	***Taq* DNA Polymerase with Standard Taq Buffer**	2,000		$236	**$196**
M0273S	***Taq* DNA Polymerase with Standard Taq Buffer**	400		$59	**$49**
M0267L	***Taq* DNA Polymerase with ThermoPol Buffer**	2,000		$236	**$196**
M0267S	***Taq* DNA Polymerase with ThermoPol Buffer**	400		$59	**$49**
N0447S	**Deoxynucleotide Solution Mix**	8 µmol of each		$54	**$45**
N0446S	**Deoxynucleotide Solution Set**	25 µmol of each		$150	**$125**
M0210S	**DNA Polymerase I, Large (Klenow) Fragment**	200		$57	**$47**
M0210L	**DNA Polymerase I, Large (Klenow) Fragment**	1,000		$228	**$190**
M0212L	**Klenow Fragment (3´→5´ exo–)**	1,000		$228	**$190**
M0212S	**Klenow Fragment (3´→5´ exo–)**	200		$57	**$47**
M0530L	**Phusion® High-Fidelity DNA Polymerase**	500		$412	**$343**
M0530S	**Phusion® High-Fidelity DNA Polymerase**	100		$103	**$86**
M0203S	**T4 DNA Polymerase**	150		$62	**$52**
M0315L	**Terminal Transferase**	2,500		$248	**$206**

NEB Cat#	*DNA Modifying Enzymes & Cloning*	Unit Size	Qty Ordered	Retail Price	UMMC Price
M0208S	***Taq* DNA Ligase**	2,000		$72	**$60**
M0290S	**Alkaline Phosphatase, Calf Intestinal (CIP)**	1,000		$64	**$53**
M0289S	**Antarctic Phosphatase**	1,000		$59	**$49**
M0303S	**DNase I (RNase-free)**	1,000		$64	**$53**
M2200S	**Quick Ligation™ Kit**	30 rxns		$95	**$79**
M0202L	**T4 DNA Ligase**	100,000		$252	**$210**
M0202M	**T4 DNA Ligase (High Concentration)**	100,000		$252	**$210**
M0202S	**T4 DNA Ligase**	20,000		$63	**$52**
M0201S	**T4 Polynucleotide Kinase**	500		$54	**$45**

NEB Cat#	*Markers & Ladders (DNA/RNA/Protein)*	Unit Size	Qty Ordered	Retail Price	UMMC Price
N3012S	**λ DNA-HindIII Digest**	150 gel lanes		$59	**$49**
N3232S	**1 kb DNA Ladder**	200 gel lanes		$50	**$42**
N3231S	**100 bp DNA Ladder**	100 gel lanes		$53	**$44**
N3200S	**2-Log DNA Ladder (0.1–10.0 kb)**	100 gel lanes		$53	**$44**
N3233S	**Low Molecular Weight DNA Ladder**	100 gel lanes		$61	**$51**
P7708S	**Prestained Protein Marker, Broad Range (7-175 kDa)**	175 mini-gel lanes		$102	**$85**
P7703S	**Protein Ladder (10-250 kDa)**	100 mini-gel lanes		$71	**$59**
N0468S	**Quick-Load® 1 kb DNA Ladder**	125 gel lanes		$58	**$48**
N0467S	**Quick-Load® 100 bp DNA Ladder**	125 gel lanes		$79	**$66**

NEB Cat#	*RNA Reagents / Protein Expression & Purification Technologies / Protein Tools / Buffers*	Unit Size	Qty Ordered	Retail Price	UMMC Price
M0297S	**RNase H**	250		$62	**$52**
M0314S	**Murine RNase Inhibitor**	3,000		$64	**$53**
M0204S	**T4 RNA Ligase 1 (ssRNA Ligase)**	1,000		$56	**$47**
E8021S	**Amylose Resin**	15 ml		$127	**$106**
E6800S	**PURExpress® In Vitro Protein Synthesis Kit**	10 rxns (25 µl vol)		$220	**$183**
P8102S	**Proteinase K**	60 mg		$67	**$56**
B9001S	**BSA**	4 x 1.5 ml		$16	**$13**

NEB Cat#	*Competent Cells*	Unit Size	Qty Ordered	Retail Price	UMMC Price
C2987I	**NEB 5-alpha Competent E. coli (High Efficiency)**	6 x 0.2 ml/tube		$138	**$115**

Special orders may be e-mailed to <enzymefreezer@umassmed.edu>

Jan-12