



University of Guelph

Supply Center Product List

Supply Center Location

Science Complex Building 140

To find out more about your Supply Center, request product additions to the Supply Center, or find out more about Thermo Fisher Scientific products and services, contact:

Allison MacMullin
BioSciences Account Manager
Mobile (905) 512-4891
Allison.MacMullin@thermofisher.com

Need a product added to your Supply Center? Please contact:

SupplyCenterProductRequests@thermofisher.com

Technical Support

Hours of operation: 9:00 a.m. to 8:00 p.m. ET
Phone: 800 955 6288
Email: techsupport@thermofisher.com

Supply Center Customer Service

Phone: 800 955 6288, option 5, option 1, ext. 45430
Email: supplycenters@thermofisher.com

Product Name	Size	Cat. No.	Price*
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Cell Culture & Transfection Reagents

Antibiotics & Antimycotics

Blasticidin S HCl, powder	50 mg	R21001	297.72
Zeocin™ Selection Reagent	8 x 1.25 mL	R25001	492.66
Hygromycin B (50 mg/mL)	20 mL	10687010	302.94
Penicillin-Streptomycin (10,000 U/mL)	100 mL	15140122	21.34
Antibiotic-Antimycotic (100X)	100 mL	15240062	47.35

Balanced Salt Solutions

PBS, pH 7.4	500 mL	10010023	10.33
DPBS, no calcium, no magnesium	500 mL	14190144	10.28
PBS (10X), pH 7.4	500 mL	70011044	37.02

Basal Media

DMEM/F-12, HEPES	500 mL	11330032	9.31
RPMI 1640 Medium, no glucose	500 mL	11879020	72.42
DMEM, high glucose	500 mL	11965092	10.35

Cell Culture Supplements

B-27™ Supplement (50X), serum free	10 mL	17504044	95.47
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Cell Dissociation Reagents

Trypsin-EDTA (0.5%), no phenol red	100 mL	15400054	51.94
Trypsin-EDTA (0.25%), phenol red	100 mL	25200056	23.36
Trypsin-EDTA (0.05%), phenol red	500 mL	25300062	32.55

Cryopreservation Media

Recovery™ Cell Culture Freezing Medium	50 mL	12648010	111.89
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Serum

Fetal Bovine Serum, qualified, USDA-approved regions	100 mL	10437010	128.68
Fetal Bovine Serum, qualified, Canada origin	500 mL	12483020	410.50

Transfection Reagents

Lipofectamine™ 2000 Transfection Reagent	1.5 mL	11668019	585.72
Lipofectin™ Transfection Reagent	1 mL	18292011	359.04
Lipofectamine™ 3000 Transfection Reagent	1.5 mL	L3000015	675.44

DNA Vectors, Clones, Purified Nucleic Acids & Libraries

DNA Vectors

CloneJET PCR Cloning Kit	20 reactions	K1231	164.22
CloneJET PCR Cloning Kit	40 reactions	K1232	313.14

Instruments and Equipment

Gel Boxes, Gel Imagers, Power Supplies & Accessories

CL-XPosure™ Film, 8 x 10 in. (20 x 25 cm)	100 sheets	34091	247.75
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Product Name	Size	Cat. No.	Price*
Kits and Assays			
cDNA Synthesis, Library, & Cloning Kits			
High-Capacity cDNA Reverse Transcription Kit	200 reactions	4368814	153.00
SuperScript™ VILO™ cDNA Synthesis Kit	50 reactions	11754050	317.63
SuperScript™ First-Strand Synthesis System for RT-PCR	50 reactions	11904018	528.52
SuperScript™ III First-Strand Synthesis System	50 reactions	18080051	823.18
DNARNA Purification Kits & Reagents			
GeneJET Plasmid Miniprep Kit	250 preps	K0503	153.00
GeneJET Gel Extraction Kit	50 preps	K0691	57.12
GeneJET PCR Purification Kit	50 preps	K0701	67.32
PureLink™ HiPure Plasmid Midiprep Kit	25 preps	K210004	317.15
PureLink™ Quick Plasmid Miniprep Kit	50 preps	K210010	54.40
PureLink™ Quick Plasmid Miniprep Kit	250 preps	K210011	110.56
PureLink™ Quick Gel Extraction Kit	50 preps	K210012	53.09
PureLink™ PCR Purification Kit	50 preps	K310001	51.00
TRIzol™ Reagent	200 mL	15596018	313.34
TRIzol™ Reagent	100 mL	15596026	178.09
PureLink™ RNA Mini Kit	50 preps	12183018A	153.00
Real-Time PCR and Endpoint RT-PCR Kits			
PowerUp™ SYBR™ Green Master Mix	5 mL	A25742	202.98
Power SYBR™ Green PCR Master Mix	1 x 5 mL	4367659	369.77
Fast SYBR™ Green Master Mix	1 x 5 mL	4385612	384.13
Platinum™ SYBR™ Green qPCR SuperMix-UDG	100 reactions	11733038	281.11
Platinum™ SYBR™ Green qPCR SuperMix-UDG	500 reactions	11733046	1051.42
Lab Reagents and Chemicals			
Denaturing Agents			
UltraPure™ Formamide	500 g	15515026	53.67
DNARNA Reagents			
UltraPure™ Salmon Sperm DNA Solution	5 x 1 mL	15632011	67.59
DNARNA Storage & Nuclease Control Reagents			
RNAlater™ Stabilization Solution	500 mL	AM7021	454.55
RNaseZap™ RNase Decontamination Solution	250 mL	AM9780	84.11
DNAZap™ PCR DNA Degradation Solutions	250 mL	AM9890	113.60
Electrophoresis Reagents & Buffers			
DNA Gel Loading Dye (6X)	5 x 1.0 mL	R0611	37.25
BlueJuice™ Gel Loading Buffer (10X)	3 x 1 mL	10816015	36.74
UltraPure™ Agarose	100 g	16500100	77.01
UltraPure™ Agarose	500 g	16500500	254.59
General Chemicals for Life Science			
UltraPure™ Phenol	500 g	15509037	107.10
IPTG	1 g	15529019	47.74

Product Name	Size	Cat. No.	Price*
Molecular Biology Enzyme Buffers			
PCR _x Enhancer System	250 reactions	11495017	74.43
Water			
UltraPure™ DNase/RNase-Free Distilled Water	500 mL	10977015	27.57
Labeling & Detection Products			
Cell Stains			
Trypan Blue Solution, 0.4%	100 mL	15250061	19.27
Cellular Structure Probes			
Rhodamine Phalloidin	300 units	R415	500.82
Enzyme Substrates			
Pierce™ ECL Western Blotting Substrate	500 mL	32106	205.38
1-Step™ NBT/BCIP Substrate Solution	250 mL	34042	153.85
X-Gal	100 mg	15520034	42.08
Gel & Membrane Stains			
SimplyBlue™ SafeStain	1 L	LC6060	249.90
SYBR™ Safe DNA Gel Stain	400 µL	S33102	93.68
Oligos, Primers, Probes & Nucleotides			
DNA Primers & Oligos			
Oligo(dT) ₁₈ Primer	60 µL	SO131	83.39
Oligo(dT) ₁₂₋₁₈ Primer	25 µg	18418012	129.81
Random Primers	9 units	48190011	200.50
Nucleotides			
dNTP Set 100 mM Solutions	4 x 0.25 mL	R0181	162.37
dNTP Mix (10 mM each)	1 mL	R0192	106.06
dNTP Set (100 mM)	4 x 250 µL	10297018	253.61
dNTP Mix (10 mM ea)	100 µL	18427013	30.87
Proteins, Enzymes, & Peptides			
Enzyme Inhibitors			
RiboLock RNase Inhibitor (40 U/µL)	2,500 units	E00381	66.10
RNaseOUT™ Recombinant Ribonuclease Inhibitor	5,000 units	10777019	166.07
Ribonuclease Inhibitor, Cloned	1,000 units	15518012	202.06
PCR & Cloning Enzymes			
Phusion High-Fidelity DNA Polymerase (2 U/µL)	100 units	F530S	94.86
Phusion Hot Start II DNA Polymerase (2 U/µL)	500 units	F549L	418.20
Phusion Hot Start II DNA Polymerase (2 U/µL)	100 units	F549S	112.20
Rapid DNA Ligation Kit	50 reactions	K1422	133.68
FastAP Thermosensitive Alkaline Phosphatase (1 U/µL)	1,000 units	EF0651	72.02
T4 Polynucleotide Kinase (10 U/µL)	500 units	EK0031	62.22
T4 DNA Ligase (5 U/µL)	1,000 units	EL0011	208.13
T4 DNA Ligase (5 U/µL)	200 units	EL0014	67.10

* Prices subject to change

Product Name	Size	Cat. No.	Price*
RNase H (5 U/μL)	100 units	EN0201	234.60
DNase I, RNase-free (1 U/μL)	1,000 units	EN0521	64.66
RNase A, DNase and protease-free (10 mg/mL)	10 mg	EN0531	43.81
Proteinase K, recombinant, PCR grade	1 mL	EO0491	47.12
Klenow Fragment (10 U/μL)	300 units	EP0051	125.46
T7 RNA Polymerase (20 U/μL)	5,000 units	EP0111	83.39
Taq DNA Polymerase, recombinant (5 U/μL)	500 units	EP0402	57.41
RevertAid H Minus Reverse Transcriptase (200 U/μL)	10,000 units	EP0451	125.18
Maxima Hot Start Taq DNA Polymerase (5 U/μL)	100 units	EP0601	76.25
DreamTaq™ Hot Start DNA Polymerase	200 U	EP1701	122.40
Kpn2I (BspEI) (10 U/μL)	500 units	ER0531	44.46
FastDigest BamHI	800 reactions	FD0054	57.98
FastDigest BglII	200 reactions	FD0084	61.66
FastDigest EcoRI	800 reactions	FD0274	55.56
FastDigest Eco32I	400 reactions	FD0304	78.73
FastDigest HindIII	800 reactions	FD0504	57.97
FastDigest KpnI	300 reactions	FD0524	56.34
FastDigest NcoI	100 reactions	FD0574	97.71
FastDigest NdeI	300 reactions	FD0584	56.33
FastDigest NotI	50 reactions	FD0594	86.32
FastDigest PstI	800 reactions	FD0614	62.40
FastDigest Sall	200 reactions	FD0644	69.01
FastDigest SmaI	200 reactions	FD0664	69.01
FastDigest XbaI	300 reactions	FD0684	52.17
FastDigest XhoI	400 reactions	FD0694	56.34
FastDigest BclI	300 reactions	FD0724	65.93
FastDigest NheI	100 reactions	FD0974	78.73
FastDigest SacI	200 reactions	FD1134	64.04
FastDigest ApaI	300 reactions	FD1414	58.81
FastDigest DpnI	100 reactions	FD1704	73.68
Platinum™ Taq DNA Polymerase	120 reactions	10966018	62.51
Platinum™ Taq DNA Polymerase	600 reactions	10966034	288.87
Platinum™ Taq DNA Polymerase High Fidelity	100 reactions	11304011	103.99
Platinum™ Pfx DNA Polymerase	100 reactions	11708013	218.66
Platinum™ Taq Green Hot Start DNA Polymerase	120 reactions	11966018	60.69
Platinum™ Hot Start PCR Master Mix (2X)	50 reactions	13000012	
T4 DNA Ligase (1 U/μL)	500 units	15224025	70.10
DNA Polymerase I, Large (Klenow) Fragment	100 units	18012021	93.42
Ribonuclease H	30 units	18021014	165.48
Taq DNA Polymerase, native	100 units	18038018	40.29
SuperScript™ II Reverse Transcriptase	10,000 units	18064014	284.38
DNase I, Amplification Grade	100 units	18068015	200.49
SuperScript™ III Reverse Transcriptase	10,000 units	18080044	331.19
Proteinase K (Fungal)	100 mg	25530015	157.93
Proteinase K (Fungal)	1 g	25530031	859.02
M-MLV Reverse Transcriptase (200 U/μL)	40,000 units	28025013	298.86
Anza™ 10 DpnI	800 units	IVGN0106	44.37
AmpliTaq Gold™ DNA Polymerase with Buffer II and MgCl ₂	250 units	N8080241	97.46

Standards, Ladders & Controls

DNARNA Ladders

* Prices subject to change

Product Name	Size	Cat. No.	Price*
Lambda DNA/HindIII Marker, ready-to-use	5 x 50 µg	SM0103	129.54
GeneRuler 100 bp DNA Ladder	50 µg	SM0241	64.84
GeneRuler 1 kb DNA Ladder	5 x 50 µg	SM0311	136.55
GeneRuler 1 kb DNA Ladder, ready-to-use	5 x 50 µg	SM0313	217.26
GeneRuler 100 bp Plus DNA Ladder	50 µg	SM0321	85.94
O'GeneRuler 100 bp Plus DNA Ladder, ready-to-use	50 µg	SM1153	104.04
GeneRuler 1 kb Plus DNA Ladder	5 x 50 µg	SM1331	140.42
Low DNA Mass Ladder	23.5 µg	10068013	70.99
TrackIt™ 1 Kb Plus DNA Ladder	50 µg	10488085	81.35
1 Kb Plus DNA Ladder	250 µg	10787018	163.10
1 Kb Plus DNA Ladder	1000 µg	10787026	409.63
100 bp DNA Ladder	50 µg	15628019	66.15
100 bp DNA Ladder	250 µg	15628050	185.56

Protein Standards & Ladders

PageRuler™ Prestained Protein Ladder, 10 to 180 kDa	2 x 250 µL	26616	126.57
MagicMark™ XP Western Protein Standard	250 µL	LC5602	350.88
Novex™ Sharp Pre-stained Protein Standard	2 x 250 µL	LC5800	88.13
SeeBlue™ Plus2 Pre-stained Protein Standard	500 µL	LC5925	85.19
BenchMark™ Protein Ladder	2 x 250 µL	10747012	133.69
BenchMark™ Pre-stained Protein Ladder	2 x 250 µL	10748010	143.94



GeneArt® Seamless Cloning & Type IIs Assembly kits

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It's simply molecular cloning made easy.

GeneArt® Seamless Cloning and Type IIs Assembly kits provide seamless cloning and assembly of **multiple DNA fragments, simultaneously**, in a single reaction. Assemble DNA fragments, such as GeneArt® Strings™ DNA Fragments, in any order into any compatible vector, **without scars**.

Stocking information

GeneArt® Type IIs Cloning Kits

Product	Size	Cat. No.
GeneArt® Type IIs Assembly, AarI	10 rxns	A15916
GeneArt® Type IIs Assembly, BsaI	10 rxns	A15917
GeneArt® Type IIs Assembly, BbsI	10 rxns	A15918

Find out more at lifetechnologies.com/typeiis

GeneArt® Seamless Cloning Kits

Product	Size	Cat. No.
GeneArt® Seamless Cloning and Assembly Kit	20 rxns	A13288
GeneArt® Seamless PLUS Cloning and Assembly Kit	20 rxns	A14603

Find out more at lifetechnologies.com/seamless

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