



# 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	291.88
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	21.65
Antibiotic-Antimycotic (100X)	100 mL	15240062	48.18

### Cell Culture Supplements

B-27™ Supplement (50X), serum free	10 mL	17504044	74.85
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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	23.69
Trypsin-EDTA (0.05%), phenol red	500 mL	25300062	32.55

### Cryopreservation Media

Recovery™ Cell Culture Freezing Medium	50 mL	12648010	109.70
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### Serum

Fetal Bovine Serum, qualified, USDA-approved regions	100 mL	10437010	128.87
Fetal Bovine Serum, qualified, Canada origin	500 mL	12483020	410.00

### Transfection Reagents

Lipofectamine™ 2000 Transfection Reagent	1.5 mL	11668019	602.36
Lipofectin™ Transfection Reagent	1 mL	18292011	368.00
Lipofectamine™ 3000 Transfection Reagent	1.5 mL	L3000015	688.00

## DNA Vectors, Clones, Purified Nucleic Acids & Libraries

### DNA Vectors

CloneJET PCR Cloning Kit	20 reactions	K1231	168.00
CloneJET PCR Cloning Kit	40 reactions	K1232	321.00

## 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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## Kits and Assays

### cDNA Synthesis, Library, & Cloning Kits

High-Capacity cDNA Reverse Transcription Kit	200 reactions	4368814	156.00
SuperScript™ VILO™ cDNA Synthesis Kit	50 reactions	11754050	329.40
SuperScript™ First-Strand Synthesis System for RT-PCR	50 reactions	11904018	546.72
SuperScript™ III First-Strand Synthesis System	50 reactions	18080051	823.18

Product Name	Size	Cat. No.	Price*
<b>DNARNA Purification Kits &amp; Reagents</b>			
GeneJET Plasmid Miniprep Kit	250 preps	K0503	156.00
GeneJET Gel Extraction Kit	50 preps	K0691	57.12
GeneJET PCR Purification Kit	50 preps	K0701	49.25
PureLink™ HiPure Plasmid Midiprep Kit	25 preps	K210004	317.15
PureLink™ Quick Plasmid Miniprep Kit	50 preps	K210010	55.46
PureLink™ Quick Plasmid Miniprep Kit	250 preps	K210011	110.56
PureLink™ Quick Gel Extraction Kit	50 preps	K210012	54.13
PureLink™ PCR Purification Kit	50 preps	K310001	52.00
TRIzol™ Reagent	200 mL	15596018	322.08
TRIzol™ Reagent	100 mL	15596026	178.09
PureLink™ RNA Mini Kit	50 preps	12183018A	150.00
<b>Real-Time PCR and Endpoint RT-PCR Kits</b>			
PowerUp™ SYBR™ Green Master Mix	5 mL	A25742	206.96
Power SYBR™ Green PCR Master Mix	1 x 5 mL	4367659	370.12
Fast SYBR™ Green Master Mix	1 x 5 mL	4385612	383.60
Platinum™ SYBR™ Green qPCR SuperMix-UDG	100 reactions	11733038	281.11
Platinum™ SYBR™ Green qPCR SuperMix-UDG	500 reactions	11733046	1068.72
<b>Lab Reagents and Chemicals</b>			
<b>Denaturing Agents</b>			
UltraPure™ Formamide	500 g	15515026	52.62
<b>DNARNA Reagents</b>			
UltraPure™ Salmon Sperm DNA Solution	5 x 1 mL	15632011	43.35
<b>DNARNA Storage &amp; Nuclease Control Reagents</b>			
RNAlater™ Stabilization Solution	500 mL	AM7021	463.47
RNaseZap™ RNase Decontamination Solution	250 mL	AM9780	84.11
DNAZap™ PCR DNA Degradation Solutions	250 mL	AM9890	111.37
<b>Electrophoresis Reagents &amp; Buffers</b>			
DNA Gel Loading Dye (6X)	5 x 1.0 mL	R0611	37.25
Bluejuice™ Gel Loading Buffer (10X)	3 x 1 mL	10816015	37.46
UltraPure™ Agarose	100 g	16500100	78.00
UltraPure™ Agarose	500 g	16500500	254.59
<b>General Chemicals for Life Science</b>			
UltraPure™ Phenol	500 g	15509037	105.00
IPTG	1 g	15529019	47.70
<b>Molecular Biology Enzyme Buffers</b>			
PCR <sub>x</sub> Enhancer System	250 reactions	11495017	72.97
<b>Water</b>			
UltraPure™ DNase/RNase-Free Distilled Water	500 mL	10977015	27.57

Product Name	Size	Cat. No.	Price*
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## Labeling & Detection Products

### Cell Stains

Trypan Blue Solution, 0.4%	100 mL	15250061	19.65
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### Cellular Structure Probes

Rhodamine Phalloidin	300 units	R415	510.00
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### Enzyme Substrates

Pierce™ ECL Western Blotting Substrate	500 mL	32106	195.11
1-Step™ NBT/BCIP Substrate Solution	250 mL	34042	150.83
X-Gal	100 mg	15520034	41.58

### Gel & Membrane Stains

SimplyBlue™ SafeStain	1 L	LC6060	256.00
SYBR™ Safe DNA Gel Stain	400 µL	S33102	61.20

## Oligos, Primers, Probes & Nucleotides

### DNA Primers & Oligos

Oligo(dT)18 Primer	60 µL	SO131	85.75
Oligo(dT) <sub>12-18</sub> Primer	25 µg	18418012	129.81
Random Primers	9 units	48190011	204.43

### Nucleotides

dNTP Set 100 mM Solutions	4 x 0.25 mL	R0181	162.34
dNTP Mix (10 mM each)	1 mL	R0192	107.08
dNTP Set (100 mM)	4 x 250 µL	10297018	253.61
dNTP Mix (10 mM ea)	100 µL	18427013	31.57

## Proteins, Enzymes, & Peptides

### Enzyme Inhibitors

RiboLock RNase Inhibitor (40 U/µL)	2,500 units	EO0381	67.39
RNaseOUT™ Recombinant Ribonuclease Inhibitor	5,000 units	10777019	166.86
Ribonuclease Inhibitor, Cloned	1,000 units	15518012	210.16

### PCR & Cloning Enzymes

Phusion High-Fidelity DNA Polymerase (2 U/µL)	100 units	F530S	93.70
Phusion Hot Start II DNA Polymerase (2 U/µL)	500 units	F549L	410.00
Phusion Hot Start II DNA Polymerase (2 U/µL)	100 units	F549S	111.34
Rapid DNA Ligation Kit	50 reactions	K1422	131.06
FastAP Thermosensitive Alkaline Phosphatase (1 U/µL)	1,000 units	EF0651	73.43
T4 Polynucleotide Kinase (10 U/µL)	500 units	EK0031	63.50
T4 DNA Ligase (5 U/µL)	1,000 units	EL0011	209.67
T4 DNA Ligase (5 U/µL)	200 units	EL0014	67.21
RNase H (5 U/µL)	100 units	EN0201	234.60
DNase I, RNase-free (1 U/µL)	1,000 units	EN0521	64.90
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

\* Prices subject to change

Product Name	Size	Cat. No.	Price*
T7 RNA Polymerase (20 U/μL)	5,000 units	EP0111	85.75
Taq DNA Polymerase, recombinant (5 U/μL)	500 units	EP0402	58.53
RevertAid H Minus Reverse Transcriptase (200 U/μL)	10,000 units	EP0451	122.73
DreamTaq™ Hot Start DNA Polymerase	200 U	EP1701	124.00
Kpn2I (BspEI) (10 U/μL)	500 units	ER0531	23.95
FastDigest BamHI	800 reactions	FD0054	57.98
FastDigest BglII	200 reactions	FD0084	34.00
FastDigest EcoRI	800 reactions	FD0274	55.56
FastDigest Eco32I	400 reactions	FD0304	42.63
FastDigest HindIII	800 reactions	FD0504	58.64
FastDigest KpnI	300 reactions	FD0524	56.34
FastDigest NcoI	100 reactions	FD0574	97.71
FastDigest NdeI	300 reactions	FD0584	56.21
FastDigest NotI	50 reactions	FD0594	47.00
FastDigest PstI	800 reactions	FD0614	61.18
FastDigest Sall	200 reactions	FD0644	37.63
FastDigest SmaI	200 reactions	FD0664	37.63
FastDigest XbaI	300 reactions	FD0684	28.13
FastDigest XhoI	400 reactions	FD0694	56.34
FastDigest BclI	300 reactions	FD0724	36.38
FastDigest NheI	100 reactions	FD0974	78.73
FastDigest SacI	200 reactions	FD1134	64.08
FastDigest ApaI	300 reactions	FD1414	31.88
FastDigest DpnI	100 reactions	FD1704	74.75
Platinum™ Taq DNA Polymerase	120 reactions	10966018	63.73
Platinum™ Taq DNA Polymerase	600 reactions	10966034	294.54
Platinum™ Taq DNA Polymerase High Fidelity	100 reactions	11304011	101.95
Platinum™ Taq Green Hot Start DNA Polymerase	120 reactions	11966018	59.50
Platinum™ Hot Start PCR Master Mix (2X)	50 reactions	13000012	101.00
T4 DNA Ligase (1 U/μL)	500 units	15224025	73.50
DNA Polymerase I, Large (Klenow) Fragment	100 units	18012021	93.42
Ribonuclease H	30 units	18021014	170.64
Taq DNA Polymerase, native	100 units	18038018	40.29
SuperScript™ II Reverse Transcriptase	10,000 units	18064014	293.82
DNase I, Amplification Grade	100 units	18068015	202.02
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	306.00
Anza™ 10 DpnI	800 units	IVGN0106	44.37
AmpliTaq Gold™ DNA Polymerase with Buffer II and MgCl <sub>2</sub>	250 units	N8080241	97.46

## Standards, Ladders & Controls

### DNARNA Ladders

Lambda DNA/HindIII Marker, ready-to-use	5 x 50 μg	SM0103	131.00
GeneRuler 100 bp DNA Ladder	50 μg	SM0241	65.13
GeneRuler 1 kb DNA Ladder	5 x 50 μg	SM0311	133.87
GeneRuler 1 kb DNA Ladder, ready-to-use	5 x 50 μg	SM0313	218.00
GeneRuler 100 bp Plus DNA Ladder	50 μg	SM0321	85.50
GeneRuler 1 kb Plus DNA Ladder	5 x 50 μg	SM1331	137.67
Low DNA Mass Ladder	23.5 μg	10068013	70.80
TrackIt™ 1 Kb Plus DNA Ladder	50 μg	10488085	81.00
1 Kb Plus DNA Ladder	250 μg	10787018	166.40
1 Kb Plus DNA Ladder	1000 μg	10787026	409.63
100 bp DNA Ladder	50 μg	15628019	67.83
100 bp DNA Ladder	250 μg	15628050	188.65

Product Name	Size	Cat. No.	Price*
<b>Protein Standards &amp; Ladders</b>			
PageRuler™ Prestained Protein Ladder, 10 to 180 kDa	2 x 250 µL	26616	129.05
MagicMark™ XP Western Protein Standard	250 µL	LC5602	350.88
Novex™ Sharp Pre-stained Protein Standard	2 x 250 µL	LC5800	89.28
SeeBlue™ Plus2 Pre-stained Protein Standard	500 µL	LC5925	86.86
BenchMark™ Protein Ladder	2 x 250 µL	10747012	138.32
BenchMark™ Pre-stained Protein Ladder	2 x 250 µL	10748010	143.94



# GeneArt® Seamless Cloning & Type IIs Assembly kits

Invitrogen™

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](http://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

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