

2007 Biotechnology Equipment and Supplies - Recommended List for 1 Semester Lab-based Course-

Email (www.sargentwelch.com), Phone (1-800-727-4368)

Prices Valid Through December 31, 2007

Item Description	Catalog No.	Qty	Unit Price	Unit	Total Price	Section
Chymosin, Recombinant Rennin, 100mL	WLB-M-1030	1	\$16.95	EA	\$16.95	1c
Graduated Cylinder, 25 mL, 12/CS	WLS-M-1735-51	2	\$57.60	CS	\$115.20	1c
Micropipet Tips, Blue, 220/PK, for P1000	WLB-M-1763-15	4	\$25.70	PK	\$102.80	1c
Pipet Pump Blue, for 1-2 mL pipets	WLB-M-53502-222	16	\$18.63	EA	\$298.08	1c
Pipet, 1 mL, individually-wrapped, 1000/CS	WLB-M-53283-700	1	\$224.91	CS	\$224.91	1c
Plastic Funnels, short-stemmed, for 12.5 cm filter paper, 12/PK	WLS-M-35431-B	2	\$12.90	PK	\$25.80	1c
Rennin, Bovine, 25 g	WLC-M-94666-02	1	\$24.90	EA	\$24.90	1c
Aspergillus sp, plate culture	WLB-M-VW85V8100	1	\$9.25	EA	\$9.25	2c
Camera Microscope Package ** (See end of list for components)	WLS-M-48150PK	1	\$967.00	EA	\$967.00	2c
Elodea densa, 50/PK	WL-M-23226	1	\$16.99	PK	\$16.99	2c
Lugol's Iodine Solution, 500 mL	WLC-M-97048-06	1	\$10.40	EA	\$10.40	2c
Methylene Blue Stain, 1%, 100 mL	WLC-M-94619-04	1	\$5.00	EA	\$5.00	2c
Microscope Slide Coverslip, Glass 100/PK	WL-M-8124B	2	\$2.75	PK	\$5.50	2c
Microscope, Advanced Compound, with oil immersion objective	WLS-M-48150-10	16	\$529.00	EA	\$8,464.00	2c
Mixed Algae, For 35 Students	WL-M-20150	1	\$10.99	ST	\$10.99	2c
Paramecium caudatum Culture for 35 Students	WL-M-50206	1	\$5.99	EA	\$5.99	2c
Pipets, Transfer, 3 mL, Graduated 0.25 mL, 500/PK	WLS-M-69684-40B	1	\$24.50	PK	\$24.50	2c
Prepared Slide, Allium sp. (Onion) Root Tip	WL-M-34691	16	\$5.29	EA	\$84.64	2c
Prepared Slides, Bacteria, Type No.1, three smears	WL-M-38741	16	\$5.19	EA	\$83.04	2c
Prepared Slides, Human Blood	WL-M-70261	16	\$4.49	EA	\$71.84	2c
Prepared Slides, Silk Thread Slides, Set of Six	WL-M-57149	3	\$39.99	ST	\$119.97	2c
Protozoan Culture (Cereal Media)	WL-M-54436	1	\$6.99	EA	\$6.99	2c
Toothpicks, flat	WL-M-9088-31	1	\$1.25	BX	\$1.25	2c
1-mm grid graph paper, 100/PK	WLS-M-65181-20	1	\$25.00	PK	\$25.00	2d
Digital Camera, Moticam 1000, with Adapter	WLS-M-48149-FC	1	\$399.00	EA	\$399.00	2d
Gooseneck Stand (Flex Arm), for Digital Camera	WLS-M-48149-FH	1	\$54.00	EA	\$54.00	2d
Microscope Slides, Plain, 72/PK	WL-M-8117A	4	\$4.95	PK	\$19.80	2d
Cellulose, 100 g	WLC-M-94485-04	1	\$13.70	EA	\$13.70	2e
Fructose, 500 g	WLC-M-94512-06	1	\$20.00	EA	\$20.00	2e
Galactose, 100 g	WLC-M-94505-04	1	\$33.40	EA	\$33.40	2e
Glucose (Dextrose), 500 g, anhydrous	WLB-M-90000-908	1	\$28.94	EA	\$28.94	2e
Lactose, 500 g	WLC-M-94588-06	1	\$14.95	EA	\$14.95	2e
Paper cups, 100/PK	WL-M-A5767	1	\$6.35	PK	\$6.35	2e
Plastic teaspoons, 50/PK	WLS-M-75161	1	\$6.88	PK	\$6.88	2e
Lemon juice	WLC-M-9721E	1	\$4.35	EA	\$4.35	2f
Micropipet, BioHit M-Line, P100, 10-100 µL	WLB-M-47745-546	16	\$270.35	EA	\$4,325.60	2f
Peg Racks, Polypropylene, for 10-13 mm tubes, 24/CS	WLB-M-60983-007A	1	\$233.04	CS	\$233.04	2f
pH Paper, Wide-Range 0-14, 100 strips/PK	WLS-M-65271	16	\$11.55	PK	\$184.80	2f

Plug-Type Caps (for 13 X 100 mm tubes), blue 1000/PK	WLB-M-60819-047	1	\$50.85	PK	\$50.85	2f
Sodium Hydroxide, 500 g, pellets	WLC-M-97077-06	1	\$12.60	EA	\$12.60	2f
Pack of 4 Colors, 4/PK	WLC-M-3799Y	1	\$7.85	PK	\$7.85	3a
Pipets, 1 mL, multi-pack, 1000/CS	WLB-M-53283-714	1	\$207.78	CS	\$207.78	3a
Pipets, 2 mL, multi-pack, 500/CS	WLB-M-53283-718	1	\$134.94	CS	\$134.94	3a
Test Tube Racks, White, for 50 mL tubes 8/CS	WLB-M-60915-030A	2	\$148.23	CS	\$296.46	3a
1.7 mL Reaction Tube Rack, five assorted colors, 5/PK, 5PK/CS	WLB-M-10011-272	1	\$160.35	CS	\$160.35	3b
Microcentrifuge	WLS-M-18973	1	\$239.00	EA	\$239.00	3b
Micropipet Tips, White, 96/PK, for P10	WLB-M-1763-13	4	\$34.95	PK	\$139.80	3b
Wax paper	WL-M-52780		\$2.99	EA	\$0.00	3b
Lab Scoop, Stainless Steel, 6/PK	WLS-M-75290-A	3	\$7.15	PK	\$21.45	3c
Weigh Paper, 7.6 X 7.6 cm 500 SHT/PK	WLS-M-65223-05A	4	\$5.90	PK	\$23.60	3c
Cupric Sulfate 5-Hydrate, 500 g, Reagent Fine Crystals	WLC-M-94767-06	4	\$17.90	EA	\$71.60	3e
Spectrophotometer, Spectronic 20 D+	WLS-M-75415-20A	4	\$1,147.99	EA	\$4,591.96	3e
Beaker, 250 mL, 12/PK, 4 PK/CS	WLS-1735-06	2	\$31.20	CS	\$62.40	3f
Gelatin, 500 g	WLC-M-94551-06	1	\$15.70	EA	\$15.70	3f
Hot Plate Stirrer, 7" X 7"	WLS-M-33918-50	4	\$402.00	EA	\$1,608.00	3f
Test Tube Holder (Stoddard)	WLS-M-19555	16	\$1.60	EA	\$25.60	3f
Deoxyribonucleic Acid, Salmon Testes, 1.0 g	WLB-M-1626	1	\$99.99	EA	\$99.99	4b
Pipet, 2 mL, individually-wrapped, 500/CS	WLB-M-53283-704	1	\$138.14	CS	\$138.14	4b
Beaker, 400 mL, 12/PK, 4 PK/CS	WLS-1735-07	1	\$36.75	CS	\$36.75	4e
LB Broth Base, Lennox, 500g	WLB-M-90003-118	4	\$36.93	EA	\$147.72	4e
Magnetic Stir Bars, Assorted, 6/Set	WLS-M-76507-20	4	\$29.40	ST	\$117.60	4e
Media Bottle, Wheaton, Grad. w/cap, 250 mL 48/CS	WLB-M-16159-856	1	\$220.21	CS	\$220.21	4e
Sterilizer, Tabletop Autoclave, 12 X 18" inside chamber	WLB-M-58939-952	1	\$7,091.40	EA	\$7,091.40	4e
Gas Burner (Bunsen Burner)	WLS-M-11795	1	\$19.05	EA	\$19.05	4f
Glasses, Safety, Plastic	WLS-M-40380-01A	32	\$6.25	EA	\$200.00	4f
Laminar Flow Hood, 3 X 3 X 2 ft	WLB-M-89000-140	1	\$4,735.00	EA	\$4,735.00	4f
Microwave oven	WL-M-A5719	4	\$335.00	EA	\$1,340.00	4f
Petri Dishes, 100 X 15 mm, sterile, 20/PK, 25 PK/CS	WLS-M-26028	1	\$158.75	CS	\$158.75	4f
Inoculating Loop With Nickel-Chromium Wire & Aluminum Handle	WLS62730-10	3	\$3.25	EA	\$9.75	4g
Replacement Flint Tips, 5/PK, 40PK/CS	WLB-M-18385-222	1	\$44.40	CS	\$44.40	4g
Water Bath, Shaking	WLB-M-13309-448	1	\$2,245.57	EA	\$2,245.57	4g
Centrifuge, 6 place, Table Top for 15 mL tubes	WLS-M-15621	4	\$1,072.95	EA	\$4,291.80	4h
Protease, Pronase, 50 units	WLB-M-80601-406	1	\$106.09	EA	\$106.09	4h
RNase, 10 mg/mL solution, 1 mL	WLB-M-80509-764	1	\$60.08	EA	\$60.08	4h
Beaker, 600 mL, 6/PK, 6 PK/CS	WLS-M-4675-M	3	\$165.00	CS	\$495.00	4i
Weigh boat 5.5" X 5.5" X 1" 500/PK	WLS-M-3860-C	1	\$58.00	PK	\$58.00	4i
DNA, Yeast, 10 µg	coming soon	1		EA	\$0.00	4j
Ethidium Bromide, 10 mL	WLB-M-1B40075	1	\$30.56	EA	\$30.56	4j
Lambda, cut w/HinDIII, 1X100 µg, 0.5 µg/µL	WLB-M-PAZG1711	1	\$60.00	EA	\$60.00	4j
Lambda, uncut, 5X200 µg	WLB-M-PAZD1501	1	\$352.35	EA	\$352.35	4j
pBR322, 25ug	WLB-M-IC821225	1	\$155.85	EA	\$155.85	4j
Power Supply, 250 V	WLB-M-27370-265	16	\$507.33	EA	\$8,117.28	4j
Calcium Nitrate, 4-Hydrate, 500 g	WLC-M-98025-06	1	\$11.20	EA	\$11.20	5a
Petri Dishes, 60 X 15 mm, sterile, 20/PK, 25 PK/CS	WLS-M-26028-60	1	\$220.00	CS	\$220.00	5a
Potassium Chloride, 500 g	WLC-M-94219-06	1	\$9.10	EA	\$9.10	5a

Sodium Carbonate, anhydrous, 500 g	WLC-M-94291-06	1	\$5.80	EA	\$5.80	5a
Beaker, 50 mL, 12/PK, 4 PK/CS	WLS-M-4675-G	1	\$146.40	CS	\$146.40	5b
Cellulase, 25 g	WLC-M-94484-02	1	\$24.20	EA	\$24.20	5b
Filter Paper, 12.5 cm, 100/PK	WLS-M-32916F	1	\$6.10	PK	\$6.10	5b
Pectinase, 25 g	WLB-M-TCP0026-25G	1	\$34.69	EA	\$34.69	5b
95% Ethanol, 4L, 2/CS	WLC-M-95064-07	1	\$52.90	CS	\$52.90	5f
Acetic Acid, Glacial, 2.5L	WLC-M-97110-08T	1	\$29.90	EA	\$29.90	5f
Boric Acid, 500 g	WLC-M-94047-06	1	\$9.90	EA	\$9.90	5f
Bromophenol Blue, Crystals, 5 g	WLC-M-94465-01	1	\$18.80	EA	\$18.80	5f
COOMASSIE* Brilliant Blue R-250	WLB-M-EM-3340	1	\$47.79	EA	\$47.79	5f
Dry Block Heater (holds 2 blocks)	WLB-M-13259-032	1	\$392.50	EA	\$392.50	5f
Lab Rotator, 12 X 12 in, 60 rpm 120V	WLB-M- 22002-110	1	\$826.20	EA	\$826.20	5f
Media Bottle, Wheaton, Grad. w/cap, 1000 mL 24/CS	WLB-M-16159-903	1	\$216.25	CS	\$216.25	5f
Media Bottle, Wheaton, Grad. w/cap, 125 mL 48/CS	WLB-M-16159-845	1	\$176.71	CS	\$176.71	5f
PAGE gel, Invitrogen, 10% TG, 10 well	WLB-M-TXEC6075	2	\$10.95	EA	\$21.90	5f
Protein Molecular Weight Markers, Full Range	WLB-M-80030-960	1	\$116.00	EA	\$116.00	5f
Sodium Dodecyl Sulfate (SDS), 100 g	WLC-M-94320-04	1	\$11.90	EA	\$11.90	5f
Sucrose, 500 g	WLC-M-94695-06	1	\$7.40	EA	\$7.40	5f
TRIS	WLB-M-IB70142	1	\$51.00	EA	\$51.00	5f
Maltose, 500 g	WLC-M-94602-06	1	\$16.80	EA	\$16.80	6b
Vortex (Mini) Mixer	WLS-M-61653-A	1	\$328.00	EA	\$328.00	6b
24-Well Microtiter Plate, 50/CS	WLS-M-70014-32	1	\$136.40	CS	\$136.40	6c
Benedict's Solution, 4L, Qualitative	WLC-M-94041-08	1	\$20.40	EA	\$20.40	6c
Calcium Chloride, 500 g	WLC-M-94074-06	1	\$7.80	EA	\$7.80	6c
Glucose test strips, 50/PK	WLC-M-4862Y	1	\$16.95	PK	\$16.95	6c
Lid Lock, Multicolor with handle 100 locks/PK	WLB-M-14229-940	2	\$29.95	CS	\$59.90	6c
Bradford Reagent, AMRESCO	WLB-M-100514-184	1	\$97.53	EA	\$97.53	7f
Electrode Stand	WLS-M-30011-81	4	\$79.75	EA	\$319.00	7f
pH Buffer, Yellow, pH 7.0, 500 mL	WLC-M-94060-06	2	\$6.50	EA	\$13.00	7f
pH Paper, Narrow-Range 0-6, 100 strips/PK	WLS-M-65271-10A	4	\$11.55	PK	\$46.20	7f
alpha-Amylase, from B. subtilis, 100 g	WLC-M-94446-02	1	\$17.00	EA	\$17.00	7g
Beaker, 100 mL, 12/PK, 4 PK/CS	WLS-1735-04	2	\$32.55	CS	\$65.10	7g
Culture Tubes, Glass, 13 X 100 mm, 1000/CS	WLB-M-47729-572	5	\$70.99	CS	\$354.95	7g
Peg Racks, Polypropylene, for 10-13 mm tubes, 24/CS	WLB-M-60983-007A	1	\$233.04	CS	\$233.04	7g
pH Paper, Narrow-Range 5-10, 100 strips/PK	WLS-M-65271-10B	4	\$11.55	PK	\$46.20	7g
BamH I enzyme, 2500 U, with 10X reaction buffer	WLB-M-PAR6021	1	\$40.00	EA	\$40.00	8b
Electrophoresis Buffer Concentrate, 40X TAE	WLB-M-PAV4281	1	\$59.29	EA	\$59.29	8b
HinD III enzyme, 5000 U	WLB-M-PAR6041	1	\$24.00	EA	\$24.00	8b
Ice Pail/Bucket/Insulated, 4L	WLS-M-64696	1	\$69.90	EA	\$69.90	8b
pAmylase (0.2 µg/µL)	WLB-M-5447801	1	\$89.09	EA	\$89.09	8b
Ampicillin, 25 g	WLB-M-EM-2200	1	\$149.37	EA	\$149.37	8c
E. coli JM109, 500 µL	WLB-M-PAP9751	1	\$39.79	EA	\$39.79	8c
Filtering Flasks, PES, 150/250 mL, 0.2 µm, 12/CS	WLB-M-28199-112	2	\$62.00	CS	\$124.00	8c
Glass Rods, 200 mm, 144/CS	WLS-M-40097-CC	1	\$45.60	CS	\$45.60	8c
Glass Spreader, 50/CS	WLB-M-100485-790	1	\$130.54	CS	\$130.54	8c
Hot Hand, Hand Protector	WLS-M-40266	16	\$16.95	EA	\$271.20	8c
Incubator Oven, Analog, 2 shelves	WLS-M-43668-20	1	\$694.00	EA	\$694.00	8c

Lab Gas Lighter,	WLB-M-18385-220	10	\$3.53	EA	\$35.30	8c
LB Agar Base, Lennox, 500 g	WLB-M-90003-112	1	\$74.52	EA	\$74.52	8c
Lysol® Disinfectant, conc 1 gallon	WLB-M-14227-215	1	\$39.23	EA	\$39.23	8c
Media Bottle, Wheaton, Grad. w/cap, 125 mL 48/CS	WLB-M-16159-845	1	\$176.71	CS	\$176.71	8c
Media Bottle, Wheaton, Grad. w/cap, 500 mL 24/CS	WLB-M-16159-889	1	\$160.56	CS	\$160.56	8c
Micropipet Tips, Yellow, 192/PK, for P100	WLB-M-1763-14	4	\$25.70	PK	\$102.80	8c
pAmylase (0.005 µg/µL)	WLB-M-5447082	1	\$99.00	EA	\$99.00	8c
Pipet, 10 mL, individually-wrapped, 200/CS	WLB-M-53283-708	1	\$78.19	CS	\$78.19	8c
Pipets, 10 mL, multi-pack, 500/CS	WLB-M-53283-722	1	\$178.34	CS	\$178.34	8c
Plastic beaker, 1L tripour 100/CS	WLS-M-4693-10E	1	\$41.00	CS	\$41.00	8c
Starch, Soluble , 500 g	WLC-M-94690-06	1	\$37.50	EA	\$37.50	8c
Tubes, 15 mL Sterile, Capped, Conical Centrifuge, 500/CS	WLB-M-21008-103	1	\$194.70	CS	\$194.70	8c
Tubes, 50 mL Sterile, Capped, Conical Centrifuge, 500/CS	WLB-M-21008-178	1	\$239.21	CS	\$239.21	8c
Vacuum Pump	WLS-M-71272	1	\$390.00	EA	\$390.00	8c
Water Bath, 6L, Analog	WLS-M-84752-C	1	\$469.00	EA	\$469.00	8c
Photo Imaging System Package	WL-14214PK-ED	1	\$7,490.69	EA	\$7,490.69	13e
Chelex Resin Beads	Coming Soon	1			\$0.00	13f
Heat Block (for 1.7 mL tubes)	WLB-M-13259-002	2	\$90.00	EA	\$180.00	13f
Agarose, 100 g	WLB-M-IC800668	1	\$107.30	EA	\$107.30	13g
DNA Marker 100 bp ladder (DNA Sizing Standards), 250 µL	WLB-M-PAG2101	1	\$99.00	EA	\$99.00	13g
Gel Box, Horizontal, Owl Scientific - 7 X 8 cm (for agarose gels)	WLB-M-27372-226	16	\$315.00	EA	\$5,040.00	13g
Gel Loading Dye, 10X, 10 X 250 µL	WLB-M-62111-618	1	\$45.32	PK	\$45.32	13g
Master Mix	Coming Soon				\$0.00	13g
PAGE Gel Loading Tips, 200 µL 576/PK	WLB-M-37001-154	1	\$65.12	PK	\$65.12	13g
PCR tubes, 0.2 mL, 1000/PK	WLB-M-53550-106	1	\$63.33	PK	\$63.33	13g
Primer Mix	Coming Soon				\$0.00	13g
TBE Buffer Concentrate, 5X, 4L	WLB-M-EM-8800	1	\$72.36	EA	\$72.36	13g
TBE gel, 1.0mm, 10%, 10 well	WLB-M-TXEC6275BMS	2	\$12.29	EA	\$24.58	13g
Thermal cycler, Teche TC-412, 96 wells X 0.2 mL	WLB26402-558	1	6153.69	EA	\$6,153.69	13g
96-well Micro-titer Plate, 50/PK	WLB-M-62402-933	1	\$71.34	PK	\$71.34	14a
Anti-Pig IgG conjugated with HRP	WLB-M-1763-18	1	\$120.51	EA	\$120.51	14a
Balance, Ohaus Electronic Milligram Pan , 0.001 g	WLS-M-2647-05B	2	\$422.00	EA	\$844.00	14a
Balance, Ohaus, Adventurer, Analytical, 65 g X 0.1 mg	WLS-M-2639-40	1	\$1,607.00	EA	\$1,607.00	14a
Cow Serum 100mL	WLB-M-100129-128	1	\$33.00	EA	\$33.00	14a
Gloves, Large 100/PK	WLS-M-40290-DD	16	\$11.50	PK	\$184.00	14a
Hydrochloric Acid Solution, 6N, 1L	WLC-M-97040-07	1	\$11.60	EA	\$11.60	14a
Microcentrifuge Tubes, 1.7 mL, clear 500/PK	WLS-M-17872-A	10	\$19.30	PK	\$193.00	14a
Micropipet, BioHit M-Line, P10, 0.5-10 µL	WLB-M-47745-544	16	\$270.34	EA	\$4,325.44	14a
Micropipet, BioHit M-Line, P1000, 100-1000 µL	WLB-M-47745-550	16	\$270.35	EA	\$4,325.60	14a
pH Meter, digital student	WLS-M-30003-D	4	\$322.00	EA	\$1,288.00	14a
Pig Serum, 100mL	WLB-M-100130-458	1	\$50.00	EA	\$50.00	14a
Pipet Pump Green, for 5-10 mL pipets	WLB-M-53502-233	16	\$19.83	EA	\$317.28	14a
Pipets, 5 mL, multi-pack, 500/CS	WLB-M-53283-720	1	\$162.78	CS	\$162.78	14a
Sheep Serum 100mL	WLB-M-100129-120	1	\$55.00	EA	\$55.00	14a
Sodium Monophosphate, Dibasic, Anhydrous	WLC-M-94330-06	1	\$16.90	EA	\$16.90	14a
Sodium Phosphate, Monobasic, Monohydrate NaH2PO4 X H2O, 500 g	WLB-M-EM-8290	1	\$59.51	EA	\$59.51	14a
Test Tube Racks, White, for 15 mL tubes, 8/CS	WLB-M-60914-809A	2	\$135.48	CS	\$270.96	14a

TMB Solution	WLB-M-80503-932	1	\$373.39	EA	\$373.39	14a
Vials, 5 mL, 250/CS	WLB-M-14224-380	1	\$103.20	CS	\$103.20	14a
Weigh Boat, 3.5" X 3.5" X 1" 500/PK	WLS-M-3860-B	1	\$35.70	PK	\$35.70	14a

Note*

Delete rows with items your department already has.

At this time, I recommend using the Edvotek Alu PCR kit for Lab 13f/g at this time. [Www.edvotek.com](http://www.edvotek.com)

Amy Kasianowicz the Biotech Manager at Sargent Welch is available for help. Email her at Amy_Kasianowicz@vwreducation.com