

Product Name	Size	Cat. No.
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## Antibodies & Secondary Detection Reagents

### Avidin, Streptavidin & Biotin

Streptavidin	1 mg	434301
Streptavidin, Alexa Fluor™ 555 Conjugate	0.5 mL	S32355
Qdot™ 655 Streptavidin Conjugate	50 µL	Q10123MP

### Primary Antibodies

Occludin Monoclonal Antibody (OC-3F10)	100 µg	331500
ZO-1 Monoclonal Antibody (ZO1-1A12), FITC	100 µg	339111
Claudin 5 Monoclonal Antibody (4C3C2)	100 µg	352500
PITX3 Polyclonal Antibody	50 µg	382850
ZO-2 Polyclonal Antibody	100 µg	389100
Phospho-SMAD2 (Ser465, Ser467) Polyclonal Antibody	10 blots	44244G
Phospho-JAK1 (Tyr1022, Tyr1023) Polyclonal Antibody	10 blots	44422G
ZO-1 Polyclonal Antibody	100 µg	617300
DNP Polyclonal Antibody, Alexa Fluor 488	500 µL	A11097
PAX6 Monoclonal Antibody (13B10-1A10)	100 µg	MA1109
ATP1A3 Monoclonal Antibody (XVIF9-G10)	100 µg	MA3915
RAC1 Polyclonal Antibody	100 µg	PA1091
SREBP2 Polyclonal Antibody	100 µg	PA1338
Endothelin 2 Polyclonal Antibody	100 µL	PA3002
Phospho-Histone H2A.X (Ser140) Monoclonal Antibody (3F2)	100 µg	MA12022
Dengue Virus Type 1-4 Monoclonal Antibody (D1-11(3))	250 µg	MA127093
EpCAM Monoclonal Antibody (323/A3)	500 µL	MA512436
CD68 Monoclonal Antibody (KP1)	500 µL	MA513324
Phospho-TAK1 (Thr184, Thr187) Monoclonal Antibody (K.846.3)	100 µL	MA515073
Phospho-NFκB p65 (Ser536) Monoclonal Antibody (T.849.2)	100 µL	MA515160
Beclin 1 Monoclonal Antibody (2A4)	100 µL	MA515825
OPA1 Monoclonal Antibody (1E8-1D9)	100 µL	MA516149
SOS1 Monoclonal Antibody (AF3F11)	100 µL	MA517234
Complement C5a Monoclonal Antibody (295108)	100 µg	MA523910
Tri-Methyl-Histone H3 (Lys36) Monoclonal Antibody (RM155)	100 µg	MA524687
c-Fos Polyclonal Antibody	500 µg	PA118329
E. coli serotype O/K Polyclonal Antibody	500 µL	PA125636
IKK beta Polyclonal Antibody	100 µL	PA132139
Histone H2B Polyclonal Antibody	100 µg	PA141058
ATG9B Polyclonal Antibody	100 µg	PA520998
Anillin Polyclonal Antibody	100 µL	PA528645
Dengue Virus Type 2 NS1 Polyclonal Antibody	100 µL	PA532207
Bestrophin 1 (extracellular) Polyclonal Antibody	50 µL	PA577290
AIM2 Polyclonal Antibody, eBioscience™	100 µL	14-6008-93
Myosin 4 Monoclonal Antibody (MF20), eBioscience™	100 µg	14-6503-82
EGFR Antibody, Alexa Fluor 488 (30H45L8), ABfinity™ Rabbit Monoclonal	50 µL	MA700308A48 8

### Secondary Antibodies

Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP	2 mL	31430
Goat anti-Rabbit IgG Fc Secondary Antibody, HRP	2 mL	31463
Goat anti-Rat IgG (H+L) Secondary Antibody, HRP	2 mL	31470
Goat anti-Mouse IgG (H+L) Secondary Antibody, DyLight 488	1 mL	35502
Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight 680	500 µL	35519

\* Prices subject to change

Product Name	Size	Cat. No.
Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight 488	1 mL	35552
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Cyanine5	500 µL	A10523
Goat anti-Mouse IgG / IgM (H+L) Secondary Antibody, Alexa Fluor 488	250 µL	A10680
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 594	500 µL	A11012
Donkey anti-Sheep IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	500 µL	A11015
Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A11031
Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	500 µL	A11036
F(ab)2-Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 488	250 µL	A11070
Goat anti-Mouse IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 568	250 µL	A21043
Goat anti-Mouse IgM Heavy Chain Cross-Adsorbed Secondary Antibody, Alexa Fluor 594	250 µL	A21044
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 633	500 µL	A21094
Goat anti-Chicken IgY (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 633	500 µL	A21103
Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor 350	250 µL	A21140
Donkey anti-Rat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 594	500 µL	A21209
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 647	500 µL	A21247
Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	500 µL	A21429
Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	500 µL	A21434
Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor 488	1 mg	A27034
Goat anti-Mouse IgG (H+L) Secondary Antibody, Alexa Fluor 405	500 µL	A31553
Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 405	500 µL	A31556

### Secondary Detection Kits & Reagents

TRA-1-60 Alexa Fluor™ 488 Conjugate Kit for Live Cell Imaging	50 tests	A25618
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## Beads & Microspheres

### Magnetic Beads Ligand-Coupled

Dynabeads™ MyOne™ Streptavidin C1	10 mL	65002
Pierce™ Anti-c-Myc Magnetic Beads	1 mL	88842
Pierce™ Protein G Magnetic Beads	5 mL	88848
Dynabeads™ Protein G for Immunoprecipitation	1 mL	10003D

### Magnetic Beads Surface-Activated

Pierce™ NHS-Activated Magnetic Beads	1 mL	88826
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### Microspheres

FluoSpheres™ Amine-Modified Microspheres, 0.2 µm, red fluorescent (580/605), 2% solids	5 mL	F8763
CML Latex Beads, 4% w/v, 10 µm	15 ml	C37259

## Cell Culture & Transfection Reagents

### Antibiotics & Antimycotics

Gentamicin/Amphotericin Solution	10 x 1 mL	R01510
Carbenicillin, Disodium Salt	5 g	10177012
Penicillin-Streptomycin (10,000 U/mL)	20 x 100 mL	15140163
Antibiotic-Antimycotic (100X)	20 mL	15240096
Gentamicin (10 mg/mL)	10 x 10 mL	15710072
Gentamicin (50 mg/mL)	10 mL	15750060
Gentamicin (50 mg/mL)	10 x 10 mL	15750078
Blasticidin S HCl (10 mg/mL)	20 mL	A1113902

Product Name	Size	Cat. No.
<b>Balanced Salt Solutions</b>		
PBS, pH 7.4	500 mL	10010023
DPBS, calcium, magnesium	500 mL	14040133
HBSS, no calcium, no magnesium	100 mL	14170120
HBSS, no calcium, no magnesium, no phenol red	1,000 mL	14175079
HBSS, no calcium, no magnesium, no phenol red	10 x 500 mL	14175103
DPBS, no calcium, no magnesium	10 x 500 mL	14190250
PBS Tablets	100 tablets	18912014
DPBS, powder, no calcium, no magnesium	10 L	21600069
PBS (10X), pH 7.4	500 mL	70011044
PBS (10X), pH 7.2	500 mL	70013032
<b>Basal Media</b>		
DMEM, high glucose, GlutaMAX™ Supplement, pyruvate	500 mL	10569010
Advanced RPMI 1640 Medium	10 x 500 mL	12633020
KnockOut™ DMEM/F-12	500 mL	12660012
Opti-MEM™ I Reduced Serum Medium	10 x 500 mL	31985088
MEM α, GlutaMAX™ Supplement, no nucleosides	500 mL	32561037
MEM α, GlutaMAX™ Supplement, no nucleosides	10 x 500 mL	32561102
MEM α, nucleosides, GlutaMAX™ Supplement	500 mL	32571036
<b>Cell Culture Matrices</b>		
Geltrex™ LDEV-Free, hESC-Qualified, Reduced Growth Factor Basement Membrane Matrix	1 mL	A1413301
<b>Cell Culture Supplements</b>		
Human Keratinocyte Growth Supplement (HKGS)	5 mL	S0015
KnockOut™ Serum Replacement	500 mL	10828028
MEM Non-Essential Amino Acids Solution (100X)	20 x 100 mL	11140076
L-Glutamine	100 g	21051024
Insulin-Transferrin-Selenium-Sodium Pyruvate (ITS-A) (100X)	10 mL	51300044
<b>Cell Dissociation Reagents</b>		
TrypLE™ Express Enzyme (1X), no phenol red	100 mL	12604013
TrypLE™ Express Enzyme (1X), no phenol red	20 x 100 mL	12604039
Collagenase, Type II, powder	1 g	17101015
TrypLE™ Select Enzyme (10X), no phenol red	100 mL	A1217701
<b>Cryopreservation Media</b>		
Synth-a-Freeze™ Cryopreservation Medium	50 mL	A1254201
<b>Microbiological Media</b>		
Luria Broth Base (Millers LB Broth Base)™, powder	500 g	12795027
<b>Serum</b>		
Horse Serum, New Zealand origin	500 mL	16050122
Horse Serum, heat inactivated, New Zealand origin	500 mL	26050088

Product Name	Size	Cat. No.
<b>Serum-Free &amp; Specialty Media</b>		
Graces Insect Medium, supplemented	500 mL	11605094
FreeStyle™ 293 Expression Medium	6 x 1 L	12338026
Sf-900™ III SFM	1,000 mL	12658027
CTS™ StemPro™ MSC SFM	1 kit	A1033201
FreeStyle™ F17 Expression Medium	6 x 1 L	A1383502
PSC Neural Induction Medium	500 mL	A1647801
StemFlex™ Medium	500 mL	A3349401
<b>Transfection Reagents</b>		
Cellfectin™ II Reagent	1 mL	10362100
Lipofectamine™ RNAiMAX Transfection Reagent	15 ml	13778500
Lipofectamine™ Stem Transfection Reagent	1.5 mL	STEM00015

## Chromatography Columns, Resins, & Spin Filters

### Affinity Columns, Media, & Standards

HisPur™ Ni-NTA Spin Columns, 3 mL	5 columns	88226
HisPur™ Cobalt Resin	10 mL	89964
HisPur™ Ni-NTA Chromatography Cartridges, 5 mL	2 x 5 mL	90099
Recombinant Protein G - Sepharose™ 4B	5 mL	101242

### Other LC Columns

Column Extenders for Pierce™ Centrifuge Columns	10 extenders	69707
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### Spin Filters, Columns, & Purification Plates

Pierce™ Protein Concentrators PES, 50K MWCO, 0.5 mL	25 concentrators	88504
Pierce™ Protein Concentrators PES, 10K MWCO, 0.5 mL	25 concentrators	88513
Pierce™ Protein Concentrator PES, 10K MWCO, 5-20 mL	24 reactions	88528

## Competent Cells & Strains

### Cloning Competent Cells

One Shot™ <i>ccdB</i> Survival™ 2 T1 <sup>R</sup> Competent Cells	10 transformations	A10460
One Shot™ TOP10 Chemically Competent <i>E. coli</i>	40 reactions	C404006
MAX Efficiency™ DH10Bac™ Competent Cells	5 x 100 µL	10361012

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

### DNA Vectors

CloneJET PCR Cloning Kit	40 reactions	K1232
TOPO™ TA Cloning™ Kit for Subcloning, without competent cells	25 reactions	450641
Episomal iPSC Reprogramming Vectors	1 tube	A14703
Zero Blunt™ TOPO™ PCR Cloning Kit for Sequencing, with One Shot™ MAX Efficiency™ DH5α-T1 <sup>R</sup> <i>E. coli</i>	25 reactions	K289520
TOPO™ TA Cloning™ Kit for Subcloning, with One Shot™ TOP10 chemically competent <i>E. coli</i> cells	50 reactions	K450040
TOPO™ TA Cloning™ Kit for Sequencing, with One Shot™ TOP10 Chemically Competent <i>E. coli</i>	50 reactions	K457540

### Expression mRNA and Pre-Made Viruses

CytoTune™ -iPS 2.0 Sendai Reprogramming Kit	1 pack	A16517
CytoTune™ -iPS 2.0 Sendai Reprogramming Kit	3 pack	A16518

Product Name	Size	Cat. No.
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## Gels, Fractionation Strips, & Membranes

### Blotting Membranes

Nitrocellulose Membrane, 0.45 µm, 30 cm x 3.5 m	1 roll	88018
PVDF Transfer Membrane, 0.45 µm, 26.5 cm x 3.75 m	1 roll	88518
PVDF Transfer Membrane, 0.2 µm, 26.5 cm x 3.75 m	1 roll	88520
iBlot™ 2 Transfer Stacks, nitrocellulose, regular size	10 stacks	IB23001
iBlot™ 2 Transfer Stacks, nitrocellulose, mini	10 stacks	IB23002
iBlot™ Transfer Stack, nitrocellulose, mini	10 sets	IB301002
iBlot™ Transfer Stack, nitrocellulose, mini	3 x 10 sets	IB301032

## Instruments and Equipment

### Dialysis Membranes, Tubing, Cassettes & Devices

Slide-A-Lyzer™ Dialysis Cassettes, 10K MWCO, 3 mL	10 cassettes	66380
SnakeSkin™ Dialysis Tubing, 7K MWCO, 22 mm	10.5 m	68700
Slide-A-Lyzer™ G2 Dialysis Cassettes, 2K MWCO, 3 mL	10 cassettes	87718

### Electroporation Instruments & Accessories

Neon™ Transfection Tubes	1 pack	MPT100
Neon™ Transfection System 100 µL Kit	96 x 2 reactions	MPK10096

### Gel Boxes, Gel Imagers, Power Supplies & Accessories

CL-XPosure™ Film, 7 x 9.5 in. (18 x 24 cm)	100 sheets	34089
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## Kits and Assays

### cDNA Synthesis, Library, & Cloning Kits

RevertAid First Strand cDNA Synthesis Kit	20 reactions	K1621
Maxima H Minus First Strand cDNA Synthesis Kit	100 reactions	K1652
Maxima First Strand cDNA Synthesis Kit for RT-qPCR, with dsDNase	200 reactions	K1672
High-Capacity cDNA Reverse Transcription Kit	1,000 reactions	4368813
High-Capacity cDNA Reverse Transcription Kit	200 reactions	4368814

### Cell Analysis Kits

CyQUANT™ Cell Proliferation Assay Kit, for cells in culture	1,000 assays	C7026
LIVE/DEAD™ Viability/Cytotoxicity Kit, for mammalian cells	1 kit	L3224
ATP Determination Kit, 200-1,000 assays	1 kit	A22066
alamarBlue™ HS Cell Viability Reagent	100 mL	A50101
Click-iT™ Plus EdU Alexa Fluor™ 488 Flow Cytometry Assay Kit	100 assays	C10633
CellEvent™ Caspase-3/7 Green Detection Reagent	25 µL	C10723
HCS LipidTOX™ Phospholipidosis and Steatosis Detection Kit, for high-content screening, for cellular imaging	1,200 assays	H34158
ReadyProbes™ Cell Viability Imaging Kit, Blue/Green	1 kit	R37609
Dead Cell Apoptosis Kit with Annexin V FITC and PI, for flow cytometry	1 kit	V13242

### DNARNA Detection & Analysis Kits

Pierce™ Magnetic RNA-Protein Pull-Down Kit	20 reactions	20164
Chemiluminescent Nucleic Acid Detection Module Kit	10 blots	89880
MEGashortscript™ T7 Transcription Kit	25 reactions	AM1354

### DNARNA Purification Kits & Reagents

\* Prices subject to change

Product Name	Size	Cat. No.
GeneJET Plasmid Miniprep Kit	250 preps	K0503
MEGAclean™ Transcription Clean-Up Kit	20 preps	AM1908
RNAqueous™-Micro Total RNA Isolation Kit	50 preps	AM1931
PureLink™ FFPE RNA Isolation Kit	50 preps	K156002
PureLink™ HiPure Plasmid Maxiprep Kit	25 preps	K210007
PureLink™ Quick Plasmid Miniprep Kit	50 preps	K210010
PureLink™ Quick Plasmid Miniprep Kit	250 preps	K210011
PureLink™ Quick Gel Extraction Kit	50 preps	K210012
PureLink™ HiPure Plasmid Filter Midiprep Kit	25 preps	K210014
PureLink™ HiPure Plasmid Filter Maxiprep Kit	25 preps	K210017
PureLink™ Quick Gel Extraction and PCR Purification Combo Kit	50 preps	K220001
TRizol™ LS Reagent	200 mL	10296028
PureLink™ RNA Micro Scale Kit	50 preps	12183016

#### DNARNA Quantitation Assay Kits

Quant-iT™ PicoGreen™ dsDNA Reagent	1 mL	P7581
Quant-iT™ PicoGreen™ dsDNA Assay Kit	1 mL kit	P7589

#### ELISA Kits

PAI1 Human ELISA Kit	96 tests	BMS2033
IL-6 Mouse ELISA Kit	2 x 96 tests	KMC0062
MMP9 Human ELISA Kit	96 tests	BMS2016-2

#### Enzyme Detection & Activity Assays

Amplex™ Acetylcholine/Acetylcholinesterase Assay Kit	500 assays	A12217
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#### Mass Spectrometry Sample Preparation Kits

Pierce™ Quantitative Fluorometric Peptide Assay	500 assays	23290
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#### Mass Tagging Systems for Proteomics

DMEM for SILAC	500 mL	88364
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#### Protein Analysis Kits

LightShift™ Chemiluminescent EMSA Kit	100 reactions	20148
Pierce™ 660nm Protein Assay Kit	450 mL	22662
Ionic Detergent Compatibility Reagent for Pierce™ 660nm Protein Assay Reagent	5 x 1 g	22663
Pierce™ Coomassie (Bradford) Protein Assay Kit	950 mL	23200
Pierce™ Coomassie Plus (Bradford) Assay Kit	950 mL	23236
Pierce™ LAL Chromogenic Endotoxin Quantitation Kit	50 test	88282
LightShift™ Poly (di-dC)	125 µL	20148E

#### Western Blotting Kits

Pierce™ Fast Western Blot Kit, ECL Substrate	1 L	35050
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## Lab Reagents and Chemicals

#### Cell Lysis & Organelle Isolation Reagents

Halt™ Phosphatase Inhibitor Cocktail	5 x 1 mL	78426
Halt™ Phosphatase Inhibitor Single-Use Cocktail	24 x 100 µL	78428
Halt™ Protease Inhibitor Cocktail (100X)	24 x 100 µL	78430
Aprotinin Protease Inhibitor	25 mg	78432
Halt™ Protease Inhibitor Cocktail, EDTA-Free (100X)	5 mL	78437
Halt™ Protease and Phosphatase Inhibitor Cocktail (100X)	1 mL	78440
Halt™ Protease and Phosphatase Inhibitor Single-Use Cocktail (100X)	24 x 100 µL	78442
Halt™ Protease and Phosphatase Inhibitor Cocktail (100X)	10 mL	78446
M-PER™ Mammalian Protein Extraction Reagent	250 mL	78501
Halt™ Protease Inhibitor Cocktail (100X)	1 mL	87786
Pierce™ IP Lysis Buffer	100 mL	87787
eBioscience™ 1X RBC Lysis Buffer	200 mL	00-4333-57

Product Name	Size	Cat. No.
<b>Cell Treatment Reagents</b>		
eBioscience™ Cell Stimulation Cocktail (500X)	100 µL	00-4970-93
<b>Denaturing Agents</b>		
Formamide (Deionized)	500 g	AM9342
UltraPure™ Sodium Dodecyl Sulfate (SDS)	500 g	15525017
<b>DNARNA Reagents</b>		
Yeast tRNA (10 mg/mL)	500 µL	AM7119
<b>DNARNA Storage &amp; Nuclease Control Reagents</b>		
RNAlater™ -ICE Frozen Tissue Transition Solution	25 mL	AM7030
RNaseZap™ RNase Decontamination Solution	6 x 250 mL	AM9782
DNAZap™ PCR DNA Degradation Solutions	250 mL	AM9890
<b>Electrophoresis Reagents &amp; Buffers</b>		
TriTrack DNA Loading Dye (6X)	5 x 1.0 mL	R1161
<b>Flow Cytometer Buffers &amp; Reagents</b>		
OneComp eBeads™ Compensation Beads	100 tests	01-1111-42
UltraComp eBeads™ Compensation Beads	100 tests	01-2222-42
<b>General Chemicals for Life Science</b>		
IPTG, dioxane-free	5 g	R0392
IPTG Solution, ready-to-use	10 x 1.5 mL	R1171
LiCl Precipitation Solution (7.5 M)	100 mL	AM9480
Acid-Phenol:Chloroform, pH 4.5 (with IAA, 125:24:1)	400 mL	AM9722
UltraPure™ Phenol:Chloroform:Isoamyl Alcohol (25:24:1, v/v)	100 mL	15593031
<b>Immunoassay Buffers &amp; Reagents</b>		
Protein Stabilizing Cocktail	10 mL	89806
<b>Microscopy Reagents</b>		
ProLong™ Gold Antifade Mountant with DAPI	10 mL	P36931
CytoVista™ 3D Cell Culture Clearing Reagent	30 mL	V11315
Live Cell Imaging Solution	500 mL	A14291DJ
<b>Water</b>		
DEPC-Treated Water	1 x 100 mL	AM9915G
UltraPure™ DNase/RNase-Free Distilled Water	10 x 500 mL	10977023
Distilled Water	6 x 1 L	15230001
Distilled Water	1,000 mL	15230147
Distilled Water	500 mL	15230162
Distilled Water	10 x 500 mL	15230204
<b>Lab Supplies, Plastics, &amp; Glassware</b>		
<b>Plates &amp; Accessories</b>		
MicroAmp™ Optical 96-Well Reaction Plate with Barcode	20 plates	4306737
MicroAmp™ Optical 96-Well Reaction Plate	10 plates	N8010560

Product Name	Size	Cat. No.
<b>Tubes, Vials, Jars &amp; Accessories</b>		
Phasemaker™ Tubes	100 tubes	A33248
Tubes and Domed Caps, strips of 8	250 strips	AB0266
Tubes, 0.2 mL, flat cap	1,000 tubes	AB0620
MicroAmp™ Optical 8-Cap Strips	300 strips	4323032
MicroAmp™ Fast 8-Tube Strip, 0.1 mL	125 strips	4358293
MicroAmp™ 8-Cap Strip, clear	300 strips	N8010535
MicroAmp™ 8-Tube Strip, 0.2 mL	125 strips	N8010580

## Labeling & Detection Products

### Amino Acid Analysis Reagents

DTNB (Ellmans Reagent) (5,5-dithio-bis-(2-nitrobenzoic acid)	5 g	22582
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### Cell Stains

Lucifer Yellow CH, Lithium Salt, 25 mg	25 mg	L453
Tetramethylrhodamine, Methyl Ester, Perchlorate (TMRM)	25 mg	T668
DRAQ5™ Fluorescent Probe Solution (5 mM)	200 µL	62251
Acridine Orange	1 g	A1301
Acridine Orange (10 mg/mL in water)	10 mL	A3568
Hexidium Iodide	5 mg	H7593
MitoTracker™ Orange CMTMRos - Special Packaging	20 x 50 µg	M7510
MitoTracker™ Green FM - Special Packaging	20 x 50 µg	M7514
SYTO™ 13 Green Fluorescent Nucleic Acid Stain - 5 mM Solution in DMSO	250 µL	S7575
SYTO™ 14 Green Fluorescent Nucleic Acid Stain - 5 mM Solution in DMSO	250 µL	S7576
FM™ 1-43 Dye (N-(3-Triethylammoniumpropyl)-4-(4-(Dibutylamino) Styryl) Pyridinium Dibromide)	1 mg	T3163
TO-PRO™ -3 Iodide (642/661) - 1 mM Solution in DMSO	1 mL	T3605
DiOC <sub>2</sub> (3) (3,3-Diethyloxycarbocyanine Iodide)	100 mg	D14730
ER-Tracker™ Red (BODIPY™ TR Glibenclamide), for live-cell imaging	100 µg	E34250
FM™ 4-64FX, fixable analog of FM™ 4-64 membrane stain	10 x 100 µg	F34653
HCS CellMask™ Orange Stain	1 set	H32713
MitoTracker™ Deep Red FM - Special Packaging	20 x 50 µg	M22426
NucRed™ Live 647 ReadyProbes™ Reagent	1 kit	R37106
NucGreen™ Dead 488 ReadyProbes™ Reagent	1 kit	R37109
NucBlue™ Live ReadyProbes™ Reagent	1 kit	R37605
NucBlue™ Fixed Cell ReadyProbes™ Reagent	1 kit	R37606
SYTO™ 60 Red Fluorescent Nucleic Acid Stain - 5 mM Solution in DMSO	250 µL	S11342
FM™ 4-64 Dye (N-(3-Triethylammoniumpropyl)-4-(6-(4-(Diethylamino) Phenyl) Hexatrienyl) Pyridinium Dibromide)	10 x 100 µg	T13320
Vybrant™ DiO Cell-Labeling Solution	1 mL	V22886
Vybrant™ DyeCycle™ Violet Stain	200 µL	V35003
alamarBlue™ Cell Viability Reagent	25 mL	DAL1025
alamarBlue™ Cell Viability Reagent	100 mL	DAL1100
eBioscience™ CFSE	5 x 500 µg	65-0850-84
eBioscience™ Fixable Viability Dye eFluor™ 450	100 tests	65-0863-14
eBioscience™ Fixable Viability Dye eFluor™ 780	100 tests	65-0865-14
eBioscience™ Fixable Viability Dye eFluor™ 506	500 tests	65-0866-18



Product Name	Size	Cat. No.
<b>Cellular Sensors &amp; Indicators</b>		
CM-H2DCFDA (General Oxidative Stress Indicator)	20 x 50 µg	C6827
BODIPY™ 581/591 C11 (Lipid Peroxidation Sensor)	1 mg	D3861
Griess Reagent Kit, for nitrite quantitation	1 kit	G7921
CellROX™ Deep Red Reagent, for oxidative stress detection	5 x 50 µL	C10422
CellROX™ Green Reagent, for oxidative stress detection	5 x 50 µL	C10444
Image-iT™ Lipid Peroxidation Kit, for live cell analysis	1 kit	C10445
CoroNa™ Green, AM, cell permeant - Special Packaging	20 x 50 µg	C36676
HPF (Hydroxyl Radical and Peroxynitrite Sensor)	470 µL	H36004
Singlet Oxygen Sensor Green - Special Packaging	10 x 100 µg	S36002
<b>Cellular Structure Probes</b>		
Alexa Fluor™ 594 Phalloidin	300 units	A12381
CellLight™ Early Endosomes-GFP, BacMam 2.0	1 mL	C10586
<b>Conjugated Biomolecules</b>		
Calcein, AM, cell-permeant dye	1 mg	C1430
BODIPY™ 493/503 (4,4-Difluoro-1,3,5,7,8-Pentamethyl-4-Bora-3a,4a-Diaza-s-Indacene)	10 mg	D3922
Epidermal Growth Factor, Biotinylated, complexed to Texas Red™ Streptavidin (Texas Red™ EGF complex)	100 µg	E3480
α-Bungarotoxin, Alexa Fluor™ 594 conjugate	500 µg	B13423
Concanavalin A, Alexa Fluor™ 488 Conjugate	5 mg	C11252
Low Density Lipoprotein from Human Plasma, oxidized (OxLDL)	200 µL	L34357
Texas Red™ 1,2-Dihexadecanoyl- <i>sn</i> -Glycero-3-Phosphoethanolamine, Triethylammonium Salt (Texas Red™ DHPE)	1 mg	T1395MP
<b>Crosslinkers</b>		
DSP (dithiobis(succinimidyl propionate)), Lomants Reagent	50 mg	22586
BS3 (bis(sulfosuccinimidyl)suberate), No-Weigh™ Format	10 x 2 mg	A39266
<b>Enzyme Substrates</b>		
Pierce™ ECL Western Blotting Substrate	250 mL	32209
Pierce™ TMB Substrate Kit	400 mL	34021
SuperSignal™ West Pico PLUS Chemiluminescent Substrate	1 L	34578
SuperSignal™ ELISA Pico Chemiluminescent Substrate	100 mL	37070
X-Gal	1 g	R0404
<b>Labels &amp; Labeling Kits</b>		
NHS-Fluorescein (5/6-carboxyfluorescein succinimidyl ester), mixed isomer	100 mg	46410
CellTracker™ Green CMFDA Dye	20 x 50 µg	C7025
Oregon Green™ 488 Carboxylic Acid, Succinimidyl Ester, 6-isomer	5 mg	O6149
Alexa Fluor™ 405 NHS Ester (Succinimidyl Ester)	1 mg	A30000
D-Biotin	10 mL	B20656
<b>Oligos, Primers, Probes &amp; Nucleotides</b>		
Ambion™ <i>In Vivo</i> Pre-Designed siRNA	250 nmol	4457308
<b>DNA Primers &amp; Oligos</b>		
Oligo(dT)18 Primer	60 µL	SO131
Oligo(dT) <sub>12-18</sub> Primer	25 µg	18418012

Product Name	Size	Cat. No.
<b>Nucleotides</b>		
dUTP Solution (100 mM)	0.25 mL	R0133
dATP Solution (100 mM)	0.25 mL	R0141
dCTP Solution (100 mM)	0.25 mL	R0151
dGTP Solution (100 mM)	0.25 mL	R0161
dTTP Solution (100 mM)	0.25 mL	R0171
dNTP Mix (10 mM each)	0.2 mL	R0191
dNTP Mix (2 mM each)	1 mL	R0241
ATP Solution (100 mM)	0.25 mL	R0441
NTP Set, 100 mM Solution	4 x 0.25 mL	R0481

## Proteins, Enzymes, & Peptides

### Enzyme Inhibitors

Pierce Protease Inhibitor Mini Tablets	30 tablets	A32953
Pierce Protease and Phosphatase Inhibitor Mini Tablets	20 tablets	A32959
Pierce Protease and Phosphatase Inhibitor Mini Tablets,EDTA-free	20 tablets	A32961
SUPERase• In™ RNase Inhibitor (20 U/μL)	10,000 units	AM2696
RiboLock RNase Inhibitor (40 U/μL)	2,500 units	EO0381
IBMX	1 g	PHZ1124
RNase Inhibitor	2,000 units	N8080119

### Extracellular Matrix Proteins

Coating Matrix Kit Protein	1 kit	R011K
Laminin Mouse Protein, Natural	1 mg	23017015
Collagen I Rat Protein, Tail	20 mL	A1048301
Collagen I Bovine Protein	10 mL	A1064401

### Growth Factors, Chemokines & Cytokines

VEGF Recombinant Human Protein	1 mg	PHC9393
FGF-Basic (AA 10-155) Recombinant Human Protein	1 mg	PHG0023
EGF Recombinant Human Protein	100 μg	PHG0311
EGF Recombinant Human Protein	1 mg	PHG0313
Gibco™ Heat Stable Recombinant Human bFGF	50 μg	PHG0368
IL17 Recombinant Mouse Protein	25 μg	PMC0175
bFGF Recombinant Human Protein	10 μg	13256029
NGF 2.5S Native Mouse Protein	10 μg	13257019

### Other Proteins & Peptides

Protein G, Alexa Fluor™ 488 conjugate	1 mg	P11065
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### PCR & Cloning Enzymes

Proteinase K Solution, ChIP grade	0.25 mL	26160
Phire Green Hot Start II DNA Polymerase	200 reactions	F124S
Phusion High-Fidelity DNA Polymerase (2 U/μL)	500 units	F530L
Phusion High-Fidelity PCR Master Mix with HF Buffer	500 reactions	F531L
Phusion High-Fidelity PCR Master Mix with HF Buffer	100 reactions	F531S
Phusion Flash High-Fidelity PCR Master Mix	500 reactions	F548L
Phusion Hot Start II DNA Polymerase (2 U/μL)	500 units	F549L
Phusion Hot Start II DNA Polymerase (2 U/μL)	100 units	F549S
PCR Master Mix (2X)	200 reactions	K0171

\* Prices subject to change

Product Name	Size	Cat. No.
DreamTaq Green PCR Master Mix (2X)	200 reactions	K1081
Rapid DNA Ligation Kit	50 reactions	K1422
Ambion™ DNase I (RNase-free)	2,000 units	AM2222
TURBO™ DNase (2 U/μL)	1,000 units	AM2238
Proteinase K Solution (20 mg/mL)	1.25 mL	AM2546
FastAP Thermosensitive Alkaline Phosphatase (1 U/μL)	300 units	EF0654
T4 Polynucleotide Kinase (10 U/μL)	500 units	EK0031
T4 DNA Ligase (5 U/μL)	1,000 units	EL0011
T4 DNA Ligase, HC (30 U/μL)	5,000 units	EL0013
RNase H (5 U/μL)	100 units	EN0201
Exonuclease I (20 U/μL)	4,000 units	EN0581
T4 beta-glucosyltransferase	500 units	EO0831
T4 DNA Polymerase (5 U/μL)	500 units	EP0062
T7 RNA Polymerase (20 U/μL)	5,000 units	EP0111
Taq DNA Polymerase, recombinant (5 U/μL)	5 x 500 units	EP0405
Taq DNA Polymerase, recombinant (5 U/μL)	10 x 500 units	EP0406
RevertAid Reverse Transcriptase (200 U/μL)	10,000 units	EP0441
RevertAid Reverse Transcriptase (200 U/μL)	5 x 10,000 units	EP0442
DreamTaq DNA Polymerase (5 U/μL)	200 units	EP0701
DreamTaq DNA Polymerase (5 U/μL)	500 units	EP0702
DreamTaq Green DNA Polymerase (5 U/μL)	500 units	EP0712
HpaII (10 U/μL)	1,000 units	ER0511
MspI (HpaII) (10 U/μL)	3,000 units	ER0541
BpiI (BbsI) (10 U/μL)	200 units	ER1011
FastDigest BamHI	800 reactions	FD0054
FastDigest BglII	100 reactions	FD0083
FastDigest EcoRI	800 reactions	FD0274
FastDigest Eco32I	200 reactions	FD0303
FastDigest HindIII	800 reactions	FD0504
FastDigest KpnI	300 reactions	FD0524
FastDigest NotI	20 reactions	FD0593
FastDigest NotI	50 reactions	FD0594
FastDigest PstI	800 reactions	FD0614
FastDigest Sall	200 reactions	FD0644
FastDigest SmaI	100 reactions	FD0663
FastDigest XhoI	400 reactions	FD0694
FastDigest BshTI	20 reactions	FD1464
MultiScribe™ Reverse Transcriptase	100 μL	4311235
SuperScript™ VILO™ Master Mix	250 reactions	11755250
SuperScript™ IV VILO™ Master Mix	500 reactions	11756500
Gateway™ BP Clonase™ II Enzyme mix	20 reactions	11789020
Gateway™ LR Clonase™ II Enzyme mix	20 reactions	11791020
PureLink™ DNase Set	50 preps	12185010
LR Clonase™ II Plus enzyme	20 reactions	12538120

## Standards, Ladders & Controls

### Control Primers, Primer/Probe Sets & Templates

Lambda DNA	500 μg	SD0011
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Product Name	Size	Cat. No.
<b>DNARNA Ladders</b>		
GeneRuler 1 kb DNA Ladder	5 x 50 µg	SM0311
GeneRuler DNA Ladder Mix	5 x 50 µg	SM0331
GeneRuler DNA Ladder Mix, ready-to-use	5 x 50 µg	SM0333
GeneRuler 50 bp DNA Ladder, ready-to-use	50 µg	SM0373
GeneRuler Low Range DNA Ladder, ready-to-use	50 µg	SM1193
GeneRuler 1 kb Plus DNA Ladder	5 x 50 µg	SM1331
RiboRuler Low Range RNA Ladder, ready-to-use	5 x 40 µL	SM1833
TrackIt™ 100 bp DNA Ladder	50 µg	10488058
TrackIt™ 1 Kb Plus DNA Ladder	50 µg	10488085
<b>Instrument Calibration Kits, Standards &amp; Reagents</b>		
Pierce™ Peptide Retention Time Calibration Mixture	200 µL	88321
Pierce™ HeLa Protein Digest Standard	5 x 20 µg	88329
CountBright™ Absolute Counting Beads, for flow cytometry	5 mL	C36950
<b>Protein Standards &amp; Ladders</b>		
Pierce™ Prestained Protein MW Marker	500 µL	26612
PageRuler™ Unstained Protein Ladder	2 x 250 µL	26614
PageRuler™ Prestained Protein Ladder, 10 to 180 kDa	10 x 250 µL	26617
PageRuler™ Plus Prestained Protein Ladder, 10 to 250 kDa	10 x 250 µL	26620
Spectra™ Multicolor High Range Protein Ladder	2 x 250 µL	26625
NativeMark™ Unstained Protein Standard	5 x 50 µL	LC0725
SeeBlue™ Pre-stained Protein Standard	500 µL	LC5625
HiMark™ Pre-stained Protein Standard	250 µL	LC5699
Novex™ Sharp Pre-stained Protein Standard	2 x 250 µL	LC5800
SeeBlue™ Plus2 Pre-stained Protein Standard	500 µL	LC5925
BenchMark™ Pre-stained Protein Ladder	2 x 250 µL	10748010