

10

Lab essentials and accessories

www.qiagen.com/PG/accessories

10.1 Molecular biology buffers, reagents, and enzymes

■ Buffers and reagents	New Molecular biology buffers and reagents	382
■ Enzymes for sample preparation	Enzymes	383
■ DNA markers for electrophoresis	New GelPilot DNA Molecular Weight Markers	384
■ DNase digestion for RNA purification	RNase-Free DNase Set	387

10.2 Extraction of nucleic acids from organic solvents

■ Extraction of nucleic acid from organic solvents	New MaXtract Low and High Density	388
--	--	-----

10.3 Sample disruption and homogenization

■ Rapid homogenization of cell and tissue lysates, spin-column format	QIAshredder Homogenizer	390
■ Low-throughput sample disruption using disposable probes	New TissueRuptor System	391
■ High-throughput sample disruption	TissueLyser and Accessories	392

10.2 Vacuum manifolds

■ Vacuum-driven processing of 96-well plates, 8-well strips, and spin columns	QIAvac Vacuum Manifolds and Accessories	394
---	---	-----

10.5 Centrifuges

■ Universal laboratory centrifuge	Centrifuge 4-15C	396
■ Universal laboratory centrifuge, refrigerated	Centrifuge 4K15C	396

10.6 Magnets

■ For separating magnetic particles in 96-well plates, tubes, or culture flasks	Magnets	397
---	---------	-----

10.7 Tape sheets and plasticware

398

New Molecular Biology Buffers and Reagents

Product	Contents	Cat. no.
QIAGEN® RNase Inhibitor (7500 U)	250 µl (30 U/µl) RNase Inhibitor in 2 mM KH ₂ PO ₄ , 8 mM Na ₂ HPO ₄ , 3 mM KCl, 150 mM NaCl, pH 7.4, and 50% glycerol	129918
QIAGEN RNase Inhibitor (15,000 U)	500 µl (30 U/µl) RNase Inhibitor in 2 mM KH ₂ PO ₄ , 8 mM Na ₂ HPO ₄ , 3 mM KCl, 150 mM NaCl, pH 7.4, and 50% glycerol	129919
Nuclease-Free Water (10 x 50 ml)	10 x 50 ml nuclease-free water prepared without the use of DEPC (diethylpyrocarbonate)	129114
Nuclease-Free Water (1000 ml)	1000 ml nuclease-free water prepared without the use of DEPC (diethylpyrocarbonate)	129115
Nuclease-Free Water (5 liters)	5 liters nuclease-free water prepared without the use of DEPC (diethylpyrocarbonate)	129117
Buffer RLT (220 ml)	220 ml lysis buffer for RNeasy Kits	79216
Buffer TBE, 5x (5 liters)	5x tris-borate–EDTA (0.45 M tris-borate, 0.01 M EDTA, pH 8.3). Nuclease-free	129217
Buffer TAE, 50x (5 liters)	50x tris-acetate–EDTA (2 M tris-acetate, 0.05 M EDTA, pH 8.3). Nuclease-free	129237
IPTG (5 g)	Isopropyl-thio-2-D-galactopyranoside. White powder. Molecular weight 238.3. Dioxane-free	129921
X-Gal (1 g)	5-bromo-4-chloro-3-indolyl-β-D-galactopyranoside. White crystalline powder. Molecular weight 408.6	129931
GelPilot DNA Molecular Weight Markers	See page 384 for more information	

Product	Contents	Cat. no.
GelPilot DNA Loading Dye, 5x	5x gel loading dye containing bromophenol blue, xylene cyanol, and orange G	239901
dNTP Set, PCR Grade, 4 x 100 µl	100 mM each dATP, dCTP, dGTP, dTTP for 1000 x 50 µl PCR reactions	201912
dNTP Set, PCR Grade, 4 x 250 µl	100 mM each dATP, dCTP, dGTP, dTTP for 2500 x 50 µl PCR reactions	201913
dNTP Mix, PCR Grade (200 µl)	Mix containing 10 mM each of dATP, dCTP, dGTP, and dTTP (1 x 200 µl)	201900
dNTP Mix, PCR Grade (800 µl)	Mix containing 10 mM each of dATP, dCTP, dGTP, and dTTP (4 x 200 µl)	201901

Enzymes

Product	Contents	Cat. no.
RNase-Free DNase Set	See page 387 for more information	79254
QIAGEN Protease (7.5 AU)	7.5 Anson units per vial (lyophilized)	19155
QIAGEN Protease (30 AU)	4 x 7.5 Anson units per vial (lyophilized)	19157
QIAGEN Proteinase K (2 ml)	2 ml (>600 mAU/ml, solution)	19131
QIAGEN Proteinase K (10 ml)	10 ml (>600 mAU/ml, solution)	19133
RNase A (17,500 U)	2.5 ml (100 mg/ml; 7000 units/ml, solution)	19101

For further information: www.qiagen.com/PG/accessories

New **GelPilot DNA Molecular Weight Markers****For easy and accurate sizing of DNA fragments**

- Convenient design — intensive DNA fragments and easy-to-remember pattern for fast and accurate DNA sizing
- Ready-to-load buffer — containing 3 tracking dyes to facilitate optimization of agarose gel run time
- Defined band intensities — standard (50 ng) and intensive (100 ng) DNA fragments to aid DNA quantification

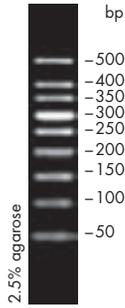
Product description

The 12 ready-to-use GelPilot markers cover a wide range of fragment sizes guaranteeing an ideal format for every requirement. The DNA fragments in each marker are designed to be easy to remember for fast and accurate DNA sizing. In addition, each marker contains a single intensive band, facilitating DNA quantification and making it simple to determine the DNA size. The unique ready-to-load buffer contains 3 tracking dyes (xylene cyanol, bromophenol blue, and orange G) to facilitate the optimization of agarose gel run time.

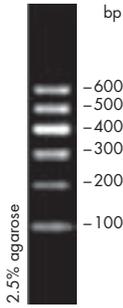
Applications

GelPilot DNA Molecular Weight Markers are suitable for use when analyzing DNA on an agarose gel.

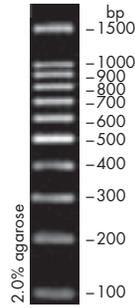
Clearly Arranged Markers



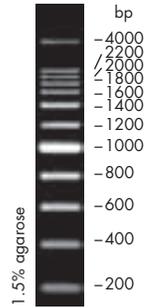
GelPilot 50 bp Ladder (100)
(cat. no. 239025)



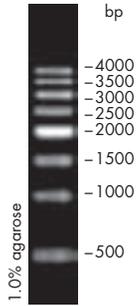
GelPilot 100 bp Ladder (100)
(cat. no. 239035)



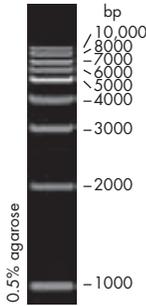
GelPilot 100 bp Plus Ladder (100)
(cat. no. 239045)



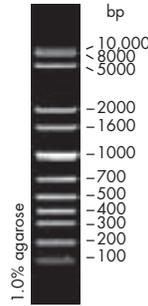
GelPilot 200 bp Ladder (100)
(cat. no. 239055)



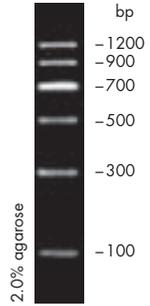
GelPilot 500 bp Ladder (100)
(cat. no. 239075)



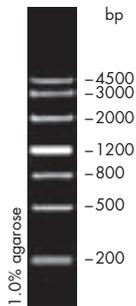
GelPilot 1 kb Ladder (100)
(cat. no. 239085)



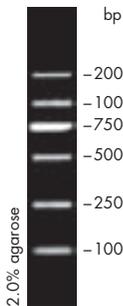
GelPilot 1 kb Plus Ladder (100)
(cat. no. 239095)



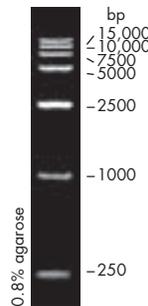
GelPilot Low Range Ladder (100)
(cat. no. 239115)



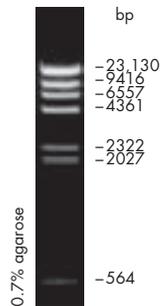
GelPilot Wide Range Ladder (100)
(cat. no. 239125)



GelPilot Mid Range Ladder (100)
(cat. no. 239135)



GelPilot High Range Ladder (100)
(cat. no. 239145)



GelPilot Lambda HindIII Marker (100)
(cat. no. 239185)

Product	Contents	Cat. no.
GelPilot 50 bp Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 9 fragments: 50–500 bp	239025
GelPilot 100 bp Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 6 fragments: 100–600 bp	239035
GelPilot 100 bp Plus Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 11 fragments: 100–1500 bp	239045
GelPilot 200 bp Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 12 fragment: 200–4000 bp	239055
GelPilot 500 bp Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 8 fragments: 500–4000 bp	239075
GelPilot 1 kb Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 9 fragments: 1000–10,000 bp	239085
GelPilot 1 kb Plus Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 12 fragments: 100–10,000 bp	239095
GelPilot Low Range Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 6 fragments: 100–1200 bp	239115
GelPilot Wide Range Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 7 fragments: 200–4500 bp	239125
GelPilot Mid Range Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 6 fragments: 100–2000 bp	239135
GelPilot High Range Ladder (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 7 fragments: 250–15,000 bp	239145
GelPilot Lambda <i>Hind</i> III Marker (100)	Ready-to-use DNA marker; 600 µl (100 lanes), 8 fragments: 125–23,130 bp	239185

For further information: www.qiagen.com/PG/accessories

RNase-Free DNase Set

For DNase digestion during RNA purification

- Guaranteed RNase-free
- Stable, lyophilized enzyme
- Convenient, on-column treatment and subsequent DNase removal
- Optimized for use with QIAGEN spin-column RNA purification procedures

Applications

The RNase-Free DNase Set provides efficient on-column digestion of DNA during RNA purification from a wide variety of sample sources using RNeasy® Kits (pages 145–146) and from whole blood using the QIAamp® RNA Blood Mini Kit (page 123). The DNase is efficiently removed in subsequent wash steps. Generally, DNase digestion is not required for RNA purified with these kits since the silica-membrane, spin-column technology efficiently removes the majority of the DNA without DNase treatment. However, complete DNA removal may be necessary for certain RNA applications that are sensitive to very small amounts of DNA.

Buffer RDD, included in the set, is optimized for on-column DNase digestion. The buffer is also well-suited for efficient DNase digestion in solution.

Product	Contents	Cat. no.
RNase-Free DNase Set (50)	For 50 RNA minipreps, 25 midpreps, or 17 maxipreps: 1500 units RNase-free DNase I, RNase-free Buffer RDD, and RNase-free Water	79254

For further information: www.qiagen.com/PG/accessories

Safe and Easy Nucleic Acid Extraction



The MaXtract gel forms a safe and stable barrier between the organic solvent and the nucleic acid-containing aqueous phase, enabling simple separation by pouring.

MaXtract Low and High Density

For safer and convenient extraction of nucleic acids from organic solvents

- Safer extraction of nucleic acids from organic solvents — stable gel barrier traps the organic phase allowing easy recovery of the aqueous phase
- High nucleic acid recovery — up to 30% more than traditional techniques
- Reduced carryover of contaminants — gel barrier prevents removal of organic solutions, proteins, and other contaminants
- Convenient nucleic acid recovery — simply decant the aqueous phase

Product description

MaXtract simplifies the extraction of nucleic acids from organic solvents (e.g., phenol and phenol/chloroform). Simply add the nucleic acid-solution and organic solvent to the tube containing MaXtract gel, mix, and then centrifuge. The MaXtract gel forms a stable barrier between the organic solvent and the nucleic acid-containing aqueous phase. Two different density formulations, Low Density and High Density, are available for optimal yields from a range of solutions. See www.qiagen.com/MaXtract/SelectionGuide for easy selection of the appropriate kit.

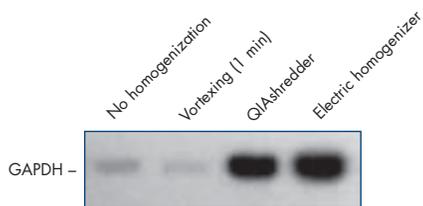
Applications

MaXtract extracted nucleic acids are suitable for virtually any downstream application.

Product	Contents	Cat. no.
MaXtract Low Density (200 x 1.5 ml)	200 x 1.5 ml MaXtract tubes for 200 nucleic acid extractions	129006
MaXtract Low Density (200 x 2 ml)	200 x 2 ml MaXtract tubes for 200 nucleic acid extractions	129016
MaXtract Low Density (100 x 15 ml)	100 x 15 ml MaXtract tubes for 100 nucleic acid extractions	129025
MaXtract Low Density (25 x 50 ml)	25 x 50 ml MaXtract tubes for 25 nucleic acid extractions	129033
MaXtract High Density (200 x 1.5 ml)	200 x 1.5 ml MaXtract tubes for 200 nucleic acid extractions	129046
MaXtract High Density (200 x 2 ml)	200 x 2 ml MaXtract tubes for 200 nucleic acid extractions	129056
MaXtract High Density (100 x 15 ml)	100 x 15 ml MaXtract tubes for 100 nucleic acid extractions	129065
MaXtract High Density (25 x 50 ml)	25 x 50 ml MaXtract tubes for 25 nucleic acid extractions	129073

For further information: www.qiagen.com/PG/accessories

Comparison of RNA Yields with Different Homogenization Methods



Northern blot of total RNA isolated from 5×10^6 HeLa cells using the RNeasy Mini procedure with the indicated homogenization methods. RNA was eluted with $2 \times 40 \mu\text{l}$ water, and $10 \mu\text{l}$ was loaded per lane.

QIAshredder Homogenizer

For simple and rapid homogenization of cell and tissue lysates

- Replaces syringe-and-needle homogenization
- Reduces loss of sample material
- Eliminates cross-contamination between samples
- Filters out insoluble debris and reduces viscosity

Product description

The QIAshredder homogenizer consists of a unique biopolymer-shredding system in a microcentrifuge spin-column format. Cell or tissue lysate is loaded onto the QIAshredder homogenizer placed in a collection tube and centrifuged. The homogenized lysate is then collected. In general, similar yields and quality of RNA are obtained as with rotor-stator homogenization.

Applications

Isolation of total or poly A⁺ RNA from cell or tissue lysates requires homogenization to reduce viscosity caused by high-molecular-weight cellular components and cell debris. Traditional methods use syringes and needles, which are tedious, inconvenient, and hazardous to handle. QIAshredder spin columns replace these homogenization methods with a fast and simple centrifugation step.

Product

Contents

Cat. no.

QIAshredder (50)	50 disposable cell-lysate homogenizers for use in nucleic acid minipreps, caps
QIAshredder (250)	250 disposable cell-lysate homogenizers for use in nucleic acid minipreps, caps

79654

79656

For further information: www.qiagen.com/PG/accessories

New **TissueRuptor System**

For low-throughput disruption of a wide range of biological samples using disposable probes

- Rapid and efficient disruption — reliable disruption of a wide range of sample types
- Optimized protocols — seamless integration with proven QIAGEN technologies for purification of RNA, DNA, or protein
- Flexibility — compatible with different sample types, lysis buffers, and disruption vessels
- Disposable probes to help eliminate cross-contamination — by using a new probe for each sample
- Time savings — disposable probes are simply discarded after disruption of each sample



TissueRuptor and disposable probes

Product description

The TissueRuptor is a handheld rotor–stator homogenizer that provides rapid, efficient, and flexible disruption of animal and human cells or tissues and plant material for a wide range of downstream applications. The TissueRuptor uses transparent disposable probes, which helps to minimize the risk of cross-contamination and enables visual control of the sample disruption process. Use of a disposable probe also provides time savings as the probe does not have to be cleaned after homogenization of each sample.

Applications

The TissueRuptor enables disruption of individual samples for a wide range of applications, including gene expression analysis, genotyping, and proteomics.

Product	Contents	Cat. no.
TissueRuptor	Handheld rotor–stator homogenizer, 5 TissueRuptor Disposable Probes	Inquire
TissueRuptor Disposable Probes (25)	25 nonsterile plastic disposable probes for use with the TissueRuptor	990890

For further information: www.qiagen.com/PG/accessories



TissueLyser with TissueLyser Adapter Set (96-well)



TissueLyser Adapter Set (24-tube)

TissueLyser and Accessories

For high-throughput disruption of a wide range of biological samples

- Fast — disruption of up to 192 samples in as little as 2–5 minutes
- Cross-contamination-free — closed system prevents tube-to-tube carryover
- Reproducible — highly standardized disruption methods
- Flexible — compatible with different sample types and disruption buffers
- Integrated — part of QIAGEN's system for collecting and stabilizing samples and purifying RNA or DNA

Product description

The TissueLyser achieves disruption through high-speed shaking of biological samples with steel, tungsten carbide, or glass beads. Accessories for the TissueLyser include a range of beads and bead dispensers. Also available are adapter sets for simultaneous processing of samples in up to 2 x 24 microcentrifuge tubes (2 ml) or 2 x 96 collection microtubes (racked) and grinding jar sets for processing 2 large samples.

Applications

The TissueLyser provides uniform disruption of multiple tissue, plant, or bacteria samples, enabling reproducible, high-quality results in downstream applications such as purification of genomic DNA from plant tissues or purification of total RNA from animal tissues.

The TissueLyser is a key component of QIAGEN's complete solution for tissue management — from sample collection and stabilization to RNA or DNA purification. Over 20 optimized disruption and homogenization protocols integrate the TissueLyser with RNeasy, DNeasy®, QIAamp, MagAttract®, and EZ1 Kits to enable purification of high-performance nucleic acids from a wide range of sample types.

Product	Contents	Cat. no.
TissueLyser (220–240 V, 50/60 Hz)	Universal laboratory mixer-mill disruptor, 220–240 V, 50/60 Hz	85220

Product	Contents	Cat. no.
Tissuelyser (120 V, 50/60 Hz)	Universal laboratory mixer-mill disruptor, 120 V, 50/60 Hz	85210
Tissuelyser Adapter Set 2 x 24	2 sets of Adapter Plates and 2 racks for use with 2 ml microcentrifuge tubes on the Tissuelyser	69982
Tissuelyser Adapter Set 2 x 96	2 sets of Adapter Plates for use with Collection Microtubes (racked) on the Tissuelyser	69984
Grinding Jar Set, S. Steel (2 x 10 ml)	2 Grinding Jars (10 ml), 2 Stainless Steel Grinding Balls (20 mm)	69985
Grinding Jar Set, Teflon (2 x 10 ml)	2 Grinding Jars (10 ml), 2 Teflon Grinding Balls (20 mm)	69986
Tissuelyser Single-Bead Dispenser, 5 mm	For dispensing individual beads (5 mm diameter)	69965
Tissuelyser Single-Bead Dispenser, 7 mm	For dispensing individual beads (7 mm diameter)	69967
Tissuelyser 3 mm Bead Dispenser, 96-well	For dispensing 96 beads (3 mm diameter) in parallel	69973
Tissuelyser 5 mm Bead Dispenser, 96-well	For dispensing 96 beads (5 mm diameter) in parallel	69975
Stainless Steel Beads, 5 mm (200)	Stainless Steel Beads, suitable for use with the Tissuelyser system	69989
Tungsten Carbide Beads, 3 mm (200)	Tungsten Carbide Beads, suitable for use with the Tissuelyser system	69997
Collection Microtubes (racked)	Nonsterile polypropylene tubes (1.2 ml), 960 in racks of 96	19560
Collection Microtube Caps (120 x 8)	Nonsterile polypropylene caps for collection microtubes (1.2 ml) and round-well blocks, 960 in strips of 8	19566

For further information: www.qiagen.com/PG/accessories



QIAvac 24 Plus

QIAvac Vacuum Manifolds and Accessories

For vacuum-driven processing of 96-well plates, 8-well strips, and spin columns

- Reduced sample handling and accelerated processing
- Parallel sample processing using QIAGEN multiwell strips or plates, or spin columns
- Easy cleaning of internal components

Kits that can be used on the QIAvac 65	Page
QIAprep® Spin Miniprep Kit	74
QIAprep 8 Miniprep Kit	74
QIAprep 8 Turbo Miniprep Kit	75
QIAquick® 8 PCR Purification Kit	102
MinElute® PCR Purification Kit	100
QIAquick PCR Purification Kit*	102
MinElute Gel Extraction Kit	104
QIAquick Gel Extraction Kit	105
MinElute Reaction Cleanup Kit	107
QIAquick Nucleotide Removal Kit	108
QIAamp DNA Blood Mini Kit	16
QIAamp DNA Mini Kit	18
QIAamp Viral RNA Mini Kit	124
RNeasy Mini Kit (cells only)	145
Ni-NTA Superflow Columns	276

Kits that can be used on the QIAvac 24 Plus	Page
CompactPrep Plasmid Kits	87
QIAprep Spin Miniprep Kit	74
MinElute PCR Purification Kit	100
QIAquick PCR Purification Kit	102
MinElute Gel Extraction Kit	104
QIAquick Gel Extraction Kit	105
MinElute Reaction Cleanup Kit	107
QIAquick Nucleotide Removal Kit	108
QIAamp DNA Blood Mini Kit	16
QIAamp DNA Blood Midi Kit	16
QIAamp DNA Blood Maxi Kit	16
QIAamp DNA Mini Kit	18
QIAamp MinElute Media Kit	21
QIAamp MinElute Virus Vacuum Kit	23
QIAamp Viral RNA Mini Kit	124
RNeasy Mini Kit (cells only)	145

Kits that can be used on the QIAvac 96	Page
QIAwell® 96 Ultra Plasmid Kit	82
QIAprep 96 Turbo Miniprep Kit	75
R.E.A.L.® Prep 96 Plasmid Kit	80
QIAquick 96 PCR Purification Kit	103
PAXgene 96 Blood RNA Kit	121
RNeasy 96 Kit	153
RNeasy 96 Universal Tissue Kit	155
miRNeasy 96 Kit	237
Ni-NTA Superflow 96 BioRobot Kit	276

Kits that can be used on the QIAvac Multiwell	Page
DirectPrep® 96 Kit	79
MinElute 96 UF PCR Purification Kit	101

Product	Contents	Cat. no.
QIAvac 96	Vacuum manifold for processing QIAGEN 96-well plates: QIAvac 96 Top Plate, Base, Waste Tray, Plate Holder, Rack of Collection Microtubes (1.2 ml)	19504
QIAvac Multiwell	Vacuum manifold for processing 96-well purification plates of SBS standard: QIAvac Top, Base, and Waste Tray	9014579
QIAvac 6S	Vacuum manifold for processing 1–24 QIAGEN spin columns or 1–6 QIAGEN 8-well strips: QIAvac 6S Top Plate with flip-up lid, Base, Waste Tray, Blanks, Strip Holder, Rack of Collection Microtubes (1.2 ml)	19503
QIAvac 24 Plus	Vacuum manifold for processing 1–24 spin columns: QIAvac 24 Plus Vacuum manifold, Luer Plugs, Quick Couplings	19413
Vacuum Pump (230 V, 50 Hz)	Universal vacuum pump (capacity 34 liters/min, 8 mbar vacuum abs.)	84020
Vacuum Pump	Universal vacuum pump 115 V, 60 HZ (capacity 34 liters/min, 8 mbar vacuum abs.)	84010
QIAvac Connecting System	System to connect vacuum manifold with vacuum pump: includes Tray, Waste Bottles, Tubing, Couplings, Valve, Gauge, 24 VacValves	19419
VacValves (24)	24 valves for use with the QIAvac 24 and 24 Plus	19408
VacConnectors (500)	500 disposable connectors for use with QIAamp spin columns on luer connectors	19407
QIAvac Luer Adapter Set*	For processing 1–24 QIAGEN spin columns on QIAvac 6S: 6 adapters with 4 luer connectors each, 24 plugs	19541
Vacuum Regulator	For use with QIAvac manifolds	19530

* QIAvac Luer Adapters are compatible only with QIAvac 6S top plates containing a wide foam gasket, flip-up lid, and spring lock.

For further information: www.qiagen.com/PG/accessories



Centrifuge 4-15C

96-Well-Plate Centrifugation System

For processing two QIAGEN 96-well plates, allowing purification of nucleic acids from 192 samples in parallel

Centrifuge 4-15C and Centrifuge 4K15C

Universal laboratory centrifuges for use with all QIAGEN spin products

- Highly programmable: 50 user-definable programs and 60 ramping profiles
- Wide speed range
- Convenient table-top format
- Accommodates common formats of 96-well plates

Plate Rotor 2 x 96

Rotor for two QIAGEN 96-well plates, for use with QIAGEN centrifuges

Product	Contents	Cat. no.
Centrifuge 4-15C (220 V, 50 Hz)	Universal laboratory centrifuge with brushless motor (220 V, 50 Hz)	81020
Centrifuge 4-15C (120 V, 60 Hz)	Universal laboratory centrifuge with brushless motor (120 V, 60 Hz)	81010
Centrifuge 4K15C (220 V, 50 Hz)	Universal refrigerated laboratory centrifuge with brushless motor (220 V, 50 Hz)	81220
Centrifuge 4K15C (220 V, 60 Hz)	Universal laboratory centrifuge with brushless motor (220 V, 60 Hz)	81210
Plate Rotor 2 x 96	Rotor for 2 QIAGEN 96-well plates, for use with QIAGEN centrifuges	81031

For further information: www.qiagen.com/PG/accessories

Magnets

For separating magnetic particles



96-Well Magnet Type A



12-Tube Magnet



15 ml/50 ml Tube Magnet



Flask Magnet



Single-Tube Magnet

Product	Contents	Cat. no.
96-Well Magnet Type A	Magnet for separating magnetic beads in wells of 96-well plates, 2 x 96-Well Microplates FB	36915
Single-Tube Magnet	Magnet for separating magnetic particles in a 1.5 ml or 2 ml tube	36910
12-Tube Magnet	Magnet for separating magnetic particles in 12 x 1.5 ml or 2 ml tubes	36912
15 ml/50 ml Tube Magnet	Magnet for separating magnetic particles in 5 x 15 ml and 3 x 50 ml tubes	36935
Flask Magnet	Magnet for separating magnetic particles in a cell culture flask	36937

For further information: www.qiagen.com/PG/accessories

Tape Sheets and Plasticware

Product	Contents	Cat. no.
24-Well Blocks RB (24)	24-well blocks with 10 ml round-bottom wells, 24 per case	19583
48-Well Blocks (24)	48-well blocks with 5 ml wells, 24 per case	19577
96-Well Microplates FB (24)	96-well microplates with flat-bottom wells, 24 per case, for use with the 96-Well Magnet	36985
96-Well Microplates MC (40)	40 x 96-well microplates for bacterial cultivation	19586
96-Well Microplates MP (20)	96-well microplates, 20 per case, for use with the BioSprint 96	1031656
96-Well Microplates RB (24)	96-well microplates with round-bottom wells plus lids, 24 per case, for use with QIAvac manifolds and BioRobot® workstations	19581
AirPore Tape Sheets (50)	Microporous tape sheets for covering 96-well blocks: 50 sheets per pack	19571
AirPore Tape Sheets (25)	Microporous tape sheets for covering 96-well blocks: 25 sheets per pack	120001
Collection Microtube Caps (120 x 8)	Nonsterile polypropylene caps for collection microtubes (1.2 ml) and round-well blocks, 960 in strips of 8	19566
Collection Microtubes (racked)	Nonsterile polypropylene tubes (1.2 ml), 960 in racks of 96	19560
Collection Tubes (2 ml)	1000 Collection Tubes (2 ml)	19201
Elution Microtubes CL (24 x 96)	Nonsterile polypropylene tubes (0.85 ml maximum capacity, less than 0.7 ml storage capacity, 0.4 ml elution capacity); 2304 in racks of 96; includes cap strips	19588
Extension Tubes (3 ml)	For use with QIAGEN spin columns on vacuum manifolds: 100 per pack	19587
Flat-Bottom Blocks (24)	96-well blocks with 2 ml wells: 24 per case, lids included	19579

Product	Contents	Cat. no.
Polypropylene Columns (1 ml)	50/pack, 1 ml capacity	34924
Polypropylene Columns (5 ml)	50/pack, 5 ml capacity	34964
QIArack	1 rack for 12 x QIAGEN-tip 20, 8 x QIAGEN-tip 100, 6 x QIAGEN-tip 500 or HiSpeed® Midi Tips, 4 x QIAGEN-tip 2500 or HiSpeed Maxi Tips, or 10 x QIAfilter Midi or Maxi Cartridges	19015
Round-Well Blocks (24)	96-well blocks with 1.2 ml wells, 24 per case	19576
Small Spin Columns (24)	24 RNase-free spin columns for Oligotex® spin procedures	79523
S-Blocks (24)	96-well blocks with 2.2 ml wells, 24 per case	19585
Tape Pads (5)	Adhesive tape sheets for sealing multiwell plates and blocks: 25 sheets per pad, 5 pads per pack	19570

For further information: www.qiagen.com/PG/accessories