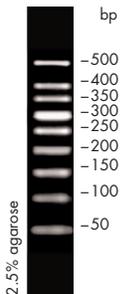
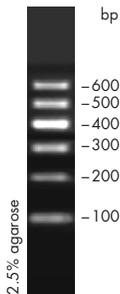


GelPilot® DNA Molecular Weight Markers

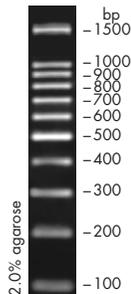
For easy and accurate sizing of DNA fragments



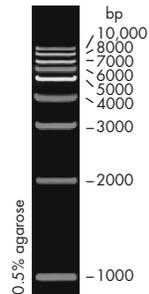
GelPilot 50 bp
Ladder (100)
(cat. no. 239025)



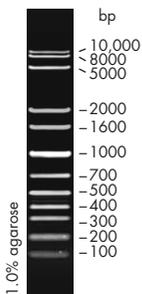
GelPilot 100 bp
Ladder (100)
(cat. no. 239035)



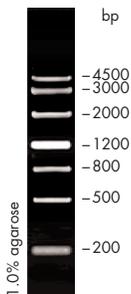
GelPilot 100 bp Plus
Ladder (100)
(cat. no. 239045)



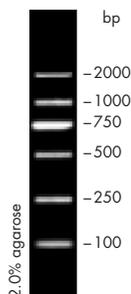
GelPilot 1 kb
Ladder (100)
(cat. no. 239085)



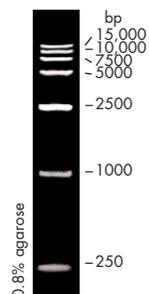
GelPilot 1 kb
Plus Ladder (100)
(cat. no. 239095)



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



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



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

Product description

Benchtop versions of QIAGEN GelPilot DNA Molecular Weight Markers combine many useful features, including memorable fragment sizes, ready-to-load buffer, defined fragment concentrations for accurate DNA quantification as well as convenient room-temperature storage for up to 6 months. The 8 ready-to-use markers cover a wide range of fragment sizes, guaranteeing an ideal format for every requirement. GelPilot buffer contains 3 tracking dyes (xylene cyanol, bromophenol blue, and orange G) to facilitate the optimization of agarose gel run time. Each marker provides 100 x 6 µl gel loadings.



Procedure

1. Mix the ladder gently by pipetting up and down a few times. Directly load 6 µl of the required ladder (this will provide 50 ng per DNA fragment with one intense fragment of 100 ng).
2. Load your DNA samples (using a suitable loading buffer) and apply current to the gel.
3. Use the tracking dyes to optimize the gel run time and DNA resolution. DNA can be visualized using ethidium bromide or SYBR® Green reagent under UV light.

Storage conditions

GelPilot DNA Molecular Weight Markers can be stored at room temperature (15–25°C) for up to 6 months or at 2–8°C for up to 12 months in a constant-temperature fridge. For longer storage, store at –20°C in a constant-temperature freezer. Preparing aliquots minimizes the risk of contamination.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online in convenient and compact PDF format at www.qiagen.com/support/MSDS.aspx where you can find, view, and print the MSDS for each QIAGEN kit and kit component.

24-hour emergency information

Emergency medical information in English, French, and German can be obtained 24 hours a day from:

Poison Information Center Mainz, Germany

Tel: +49-6131-19240

GelPilot DNA Molecular Weight Markers are intended for molecular biology applications. These products are neither intended for the diagnosis, prevention, or treatment of a disease, nor have they been validated for such use either alone or in combination with other products.

Trademarks: QIAGEN®, GelPilot® (QIAGEN Group); SYBR® (Molecular Probes, Inc.).

1056212 02/2009 © 2008 QIAGEN, all rights reserved.

www.qiagen.com

Australia # 1-800-243-800
Austria # 0800/281010
Belgium # 0800-79612
Brazil # 0800-557779

Canada # 800-572-9613
China # 0086-21-3865-3865
Denmark # 80-885945
Finland # 0800-914416
France # 01-60-920-926
Germany # 02103-29-12000
Hong Kong # 800 933 965

Ireland # 1800 555 049
Italy # 800 787980
Japan # 03-6890-7300
Korea (South) # 1544 7145
Luxembourg # 8002 2076
Mexico # 01-800-7742-639
The Netherlands # 0800 0229592

Norway # 800-18859
Singapore # 65-67775366
Spain # 91-630-7050
Sweden # 020-790282
Switzerland # 055-254-22-11
UK # 01293-422-911
USA # 800-426-8157

