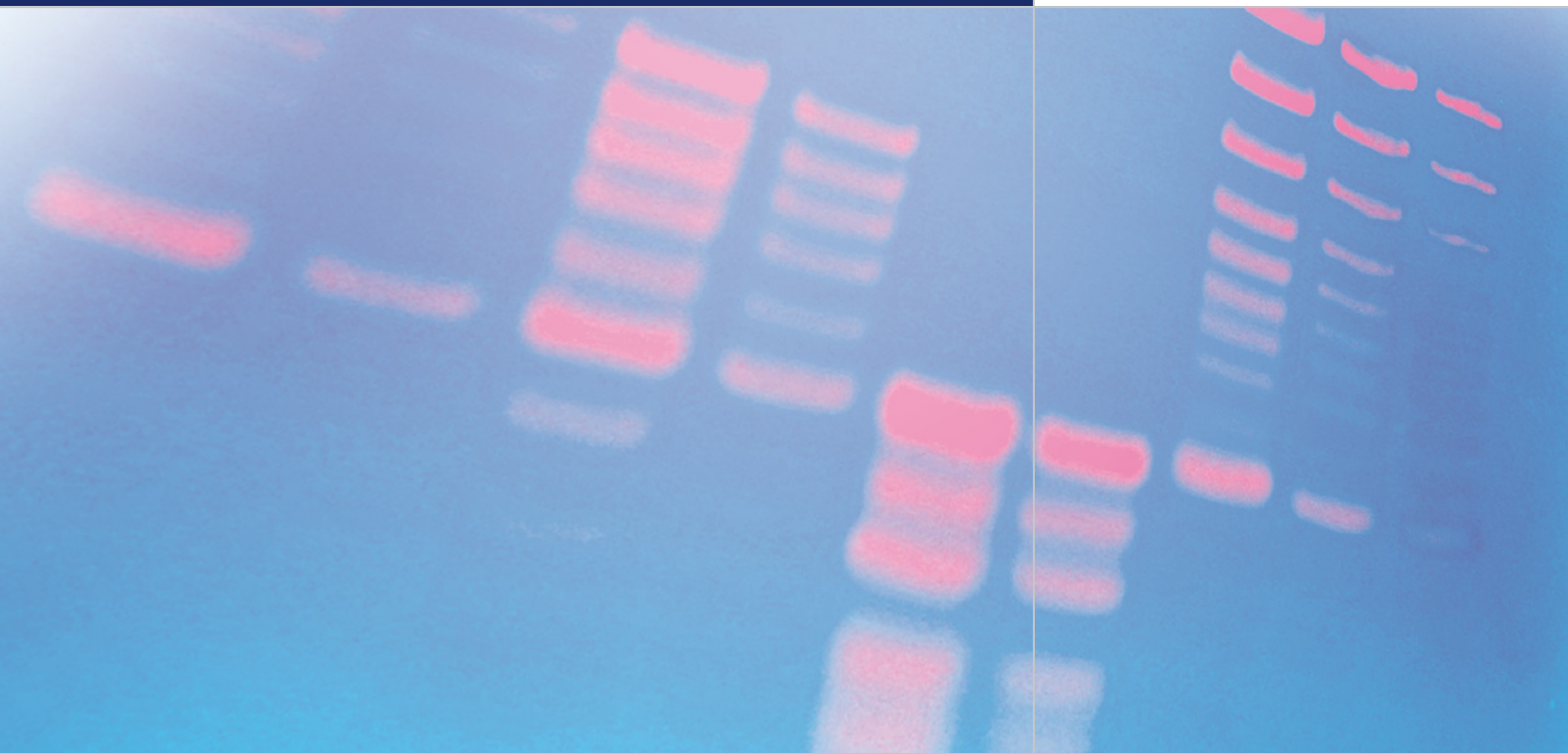


Perfect Sizing



peqGOLD Ladders and Markers

Markers

and

Optimized Markers and Ladders for your Application

peqGOLD DNA Ladders and Markers

- **Standard DNA Ladders**
For sizing and approximate quantification of PCR products and double-stranded DNA fragments
- **High-Throughput DNA Ladders**
Ready-to-use ladders designed for fast sizing and quantification of double-stranded DNA fragments on agarose gels
- **Low-Range DNA Ladders**
Designed for the analysis of small DNA fragments on high percentage agarose and polyacrylamide gels
- **DNA Markers**
Conventional DNA markers for sizing and approximate quantification of DNA fragments on agarose gels

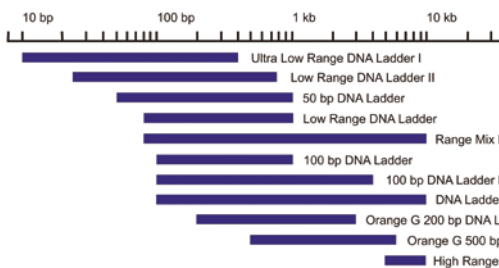
peqGOLD RNA Ladders

- **Standard RNA Ladders**
Ideal for sizing and quantification of single-stranded RNA fragments between 100 and 6,000 b
- **Ready-to-use RNA Ladders**
Ideal for sizing and quantification of single-stranded RNA fragments between 100 and 6,000 b

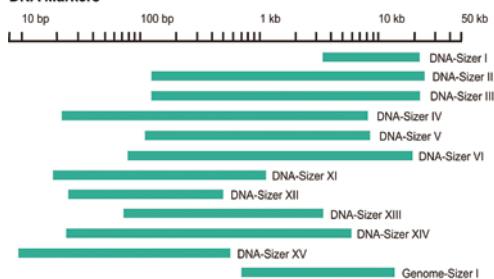
peqGOLD Protein Markers

- **Unstained Protein Markers**
Designed for precise sizing of proteins by SDS-PAGE
- **Prestained Protein Markers**
Ideal for monitoring SDS-PAGE and Western blotting procedures

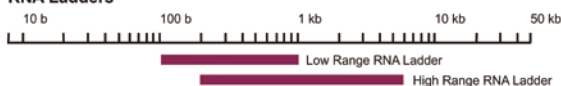
DNA Ladders



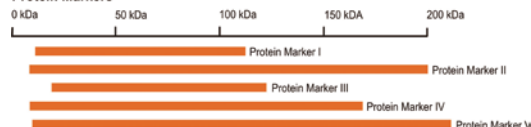
DNA Markers

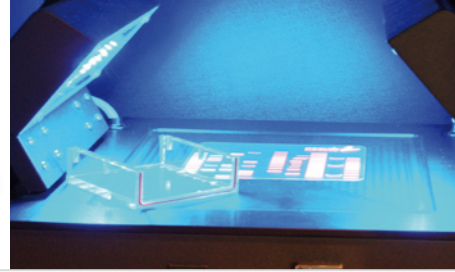
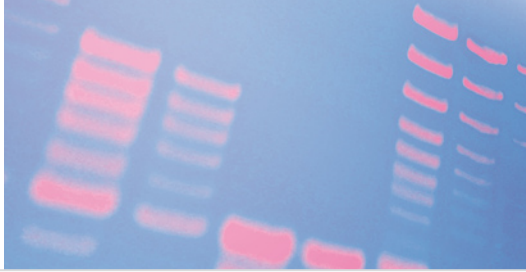


RNA Ladders



Protein Markers





Ladders

peqGOLD Standard DNA Ladders

For sizing and approximate quantification of double-stranded DNA fragments such as PCR products

Features

- Suitable for DNA sizing and approximate quantification
- Chromatography-purified individual DNA fragments for extra sharp bands
- Reference bands with higher DNA content for easy orientation
- Supplied with 6x Loading Dye Solution containing bromophenol blue

50 bp DNA Ladder

For separations between 50 and 1.000 bp on agarose or polyacrylamide gels. The 500 and 250 bp fragments serve as reference bands.

100 bp Ladder

For separations between 100 and 1.000 bp on agarose or polyacrylamide gels. The 500 bp fragment serves as a reference band.

100 bp DNA Ladder Plus

For separations between 100 and 3.000 bp on agarose or polyacrylamide gels. The 1.000 and 500 bp fragments serve as reference bands.

1 kb DNA Ladder

For separations between 250 and 10.000 bp on agarose or polyacrylamide gels. The 6.000, 3.000 and 1.000 bp fragments serve as reference bands.

DNA Ladder Mix

For separations between 100 and 10.000 bp on agarose or polyacrylamide gels. The 3.000, 1.000 and 500 bp fragments serve as reference bands.

peqGOLD 100 bp
DNA Ladder
0.1 - 1.0 kb

1000
900
800
700
600
500
400
300
200
100

1.7 % Agarose



All peqGOLD Standard DNA Ladders are also available as peqGOLD Orange G DNA Ladders. They are ready-to-use and are supplied with 6x Orange G Loading Dye Solution. Orange G migrates at approx. 50 bp on 1% agarose and thus avoids shadowing of small DNA fragments between 400 and 500 bp.

Special

peqGOLD DNA Ladders for Special Applications

High-Throughput DNA Ladders

Ready-to-use ladders designed for fast sizing and quantification of double-stranded DNA fragments on agarose gels.

Features

- Consist of five blunt-ended individual fragments of equal quantity
- Ready-to-use in Loading Dye Solution containing bromophenol blue
- Supplied with 6x Loading Dye Solution

High Range HT DNA Ladder

For separations between 500 and 10.000 bp.

Mid Range HT DNA Ladder

For separations between 50 and 5.000 bp.

Low Range HT DNA Ladder

For separations between 50 and 1.500 bp.

Ultra Low Range DNA Ladders

Especially designed for electrophoretic analysis of small DNA fragments on high percentage agarose or polyacrylamide gels.

Features

- Mix of chromatography-purified individual DNA fragments
- Supplied with 6x Loading Dye Solution containing bromophenol blue
- Also available as ready-to-use ladder presolved in Loading Dye Solution

Ultra Low Range DNA Leiter I

For separations between 10 and 300 bp. The 50 bp fragment serves as a reference band.

Ultra Low Range DNA Ladder II

For separations between 25 and 700 bp in agarose gels. The 300 and 100 bp fragments serve as reference bands.

peqGOLD Mid Range
HT DNA Ladder
0.1 – 5.0 kb

5000

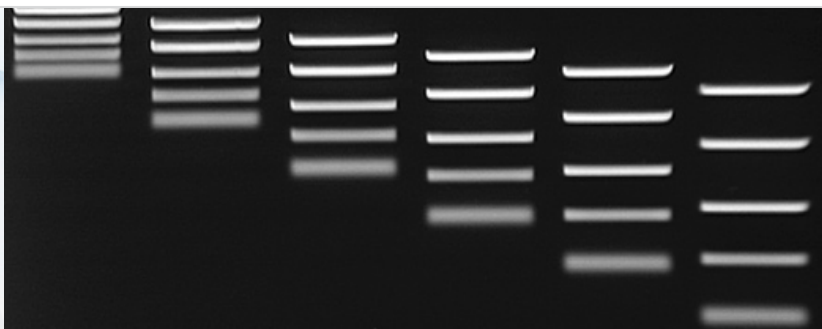
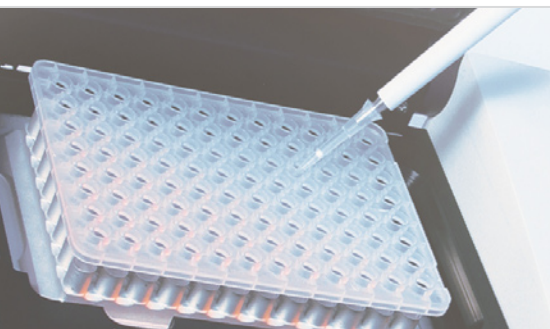
2000

850

400

100

1.0 % Agarose



4 min

6 min

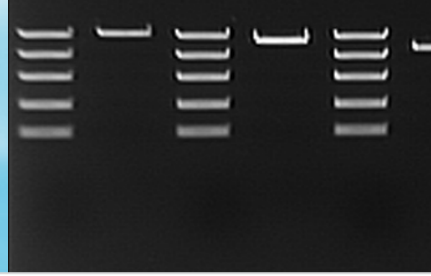
8 min

10 min

12 min

14 min

High-Throughput DNA Ladders: Time course of band separation.
20 µl/lane, 4 % agarose, 1x TBE, 7 V/cm, 14 min.



peqGOLD DNA Markers

Conventional DNA Markers for sizing and approximate quantification of DNA fragments on agarose gels

Features

- For a wide range of DNA fragment sizes
- Supplied with 6x Loading Dye Solution containing bromophenol blue

DNA Sizer II

λ -DNA completely digested with HindIII. Consists of 8 fragments between 125 and 23.130 bp.

DNA Sizer III

λ -DNA completely digested with EcoRI and HindIII. Consists of 13 fragments between 125 and 21.266 bp.

DNA Sizer XI

pUC-Mix Marker consisting of 17 fragments between 19 and 1.118 bp. For separations of small PCR fragments on agarose or polyacrylamide gels.

DNA Sizer XII

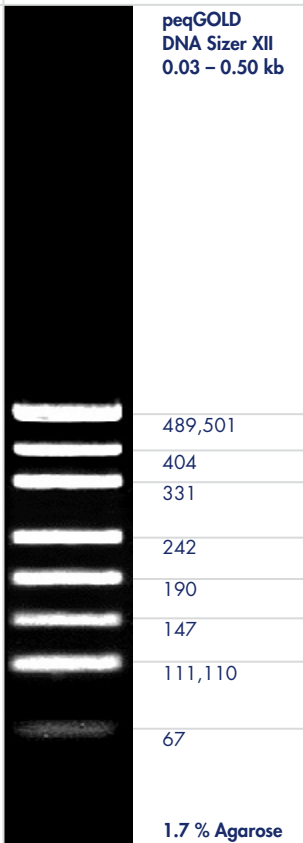
pUC19 DNA completely digested with HpaII. Consists of 12 fragments between 26 and 501 bp. For separations of small PCR fragments on agarose or polyacrylamide gels.

DNA Sizer XIII

ϕ 174 DNA completely digested with HaeIII. Consists of 11 fragments between 72 and 1.353 bp. For separations of small PCR fragments on agarose or polyacrylamide gels.

DNA Sizer XV

pBR322 DNA completely digested with HaeIII. Consists of 22 fragments between 8 and 587 bp. For separations of small PCR fragments on agarose or polyacrylamide gels.



We can offer a wide range of DNA Markers for separations between 8 and 29.946 bp. For the whole range please visit our website at www.peqlab.com or contact our application hotline.

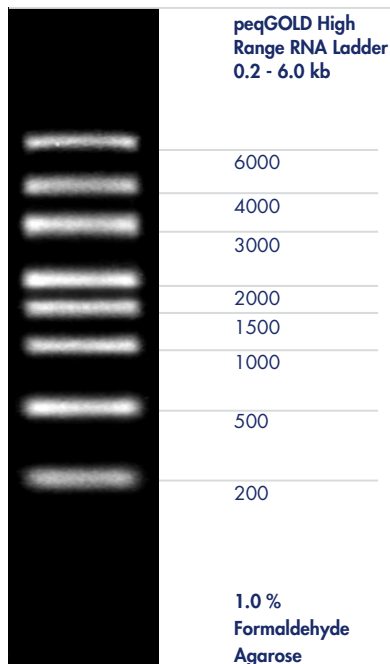
Ladders

peqGOLD RNA Ladders

Ideal for sizing and quantification of single-stranded RNA fragments

Features

- Provides accurate size determination of single-stranded RNA
- Equal quantity of each band allows for in-gel RNA quantification
- Recommended for native and denaturing agarose and denaturing polyacrylamide gels
- Supplied with 2x RNA Loading Dye Solution containing bromophenol blue



Low Range RNA Ladders

Low Range RNA Ladders consist of seven chromatography-purified single-stranded RNA transcripts.

Low Range RNA Ladder

For separations between 100 and 1.000 b. Can be radioactively labeled for use in Northern blots.

Low Range RNA Ladder ready-to-use

For separations between 100 and 1.000 b. Ready-to-use RNA ladder for direct loading onto gels.

High Range RNA Ladders

High Range RNA Ladders consist of eight chromatography-purified single-stranded RNA transcripts.

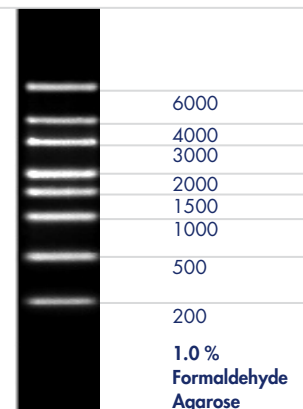
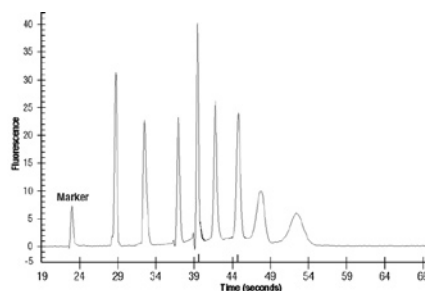
High Range RNA Ladder

For separations between 200 and 6.000 b. Can be radioactively labeled for use in Northern blots.

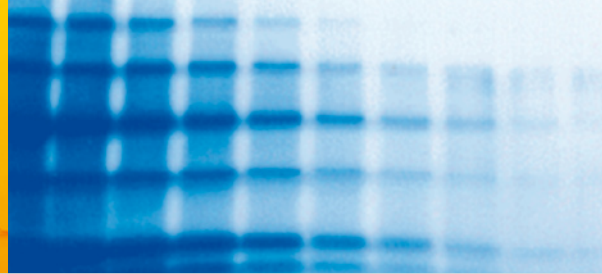
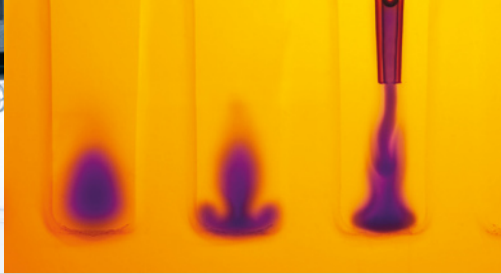
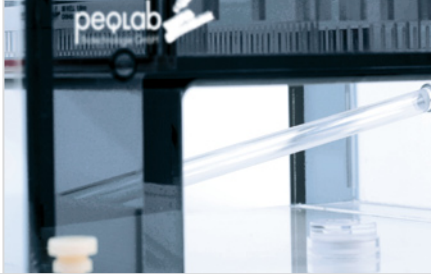
High Range RNA Ladder ready-to-use

For separations between 200 and 6.000 b. Ready-to-use RNA ladder for direct loading onto gels.

RNA



The exceptional purity of RNA fragments is constantly confirmed by intensive quality controls.



peqGOLD
Protein Marker V
10 - 250 kDa

- ~ 250.0 kDa
 - ~ 130.0 kDa
 - ~ 95.0 kDa
 - ~ 72.0 kDa
 - ~ 55.0 kDa
 - ~ 36.0 kDa
 - ~ 28.0 kDa
 - ~ 17.0 kDa
 - ~ 10.0 kDa
- 8 – 16 % SDS-PAGE



peqGOLD Protein Markers

Protein molecular weight standards for SDS-PAGE and Western blotting

Unstained Protein Markers

Designed for precise sizing of proteins by SDS-PAGE.

Features

- Highly purified and unstained proteins for accurate sizing
- Ready-to-use for direct loading onto gels
- Proteins resolve into very sharp bands

Protein Marker I

Ready-to-use marker containing 7 purified proteins between 14.4 and 116.0 kDa.

Protein Marker II

Ready-to-use marker containing 14 purified proteins between 10.0 and 200.0 kDa. The 50 kDa protein band is of greater intensity and serves as a reference band.

Prestained Protein Markers

Ideal for monitoring SDS-PAGE and Western blotting procedures.

Features

- Monitoring of protein migration during SDS-PAGE
- Verification of Western blot transfer efficiency
- Approximate sizing of proteins on gels and blots
- Ready-to-use for direct loading onto gels

Protein Marker III

Ready-to-use marker containing 6 purified proteins between 20.0 and 122.0 kDa.

Protein Marker IV

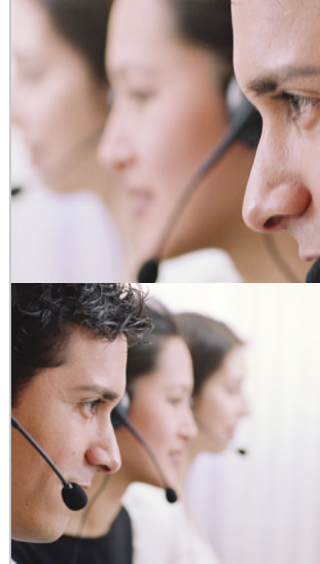
Ready-to-use marker with 10 purified proteins between 10.0 and 170.0 kDa. A bright orange 70 kDa band serves as a reference band for easy orientation.

Protein Marker V

Ready-to-use marker with 9 purified proteins between 10.0 and 250.0 kDa. The 70 and 27 kDa bands are coloured in bright orange and serve as reference bands for easy orientation.

Our Service Pledge

- We will be pleased to send you further information, or announcements of the latest offers
- Personal and professional support through our application hotline and local field service representatives
- Rapid delivery times



Ordering Information			
Item	Description	Quantity	Product Code
Standard DNA Ladders	peqGOLD 50 bp DNA Ladder	50 µg	25-2000
	peqGOLD 50 bp Ladder Orange G (ready-to-use)	50 µg	25-2350
	peqGOLD 100 bp DNA Ladder	50 µg	25-2010
	peqGOLD 100 bp Ladder Orange G (ready-to-use)	50 µg	25-2360
	peqGOLD 100 bp DNA Ladder Plus	50 µg	25-2020
	peqGOLD 100 bp Ladder Plus Orange G (ready-to-use)	50 µg	25-2370
	peqGOLD 1 kb DNA Ladder	5 x 50 µg	25-2030
	peqGOLD 1 kb Ladder Orange G (ready-to-use)	5 x 50 µg	25-2380
	peqGOLD Ladder Mix	5 x 50 µg	25-2040
	peqGOLD Ladder Mix Orange G (ready-to-use)	5 x 50 µg	25-2390
High-Throughput DNA Ladders	peqGOLD Low Range HT DNA Ladder	2 x 0.5 ml	25-2500
	peqGOLD Mid Range HT DNA Ladder	2 x 0.5 ml	25-2510
	peqGOLD High Range HT DNA Ladder	2 x 0.5 ml	25-2520
Ultra Low Range DNA Ladders	peqGOLD Ultra Low Range DNA Ladder I	50 µg	25-3010
	peqGOLD Ultra Low Range DNA Ladder II	50 µg	25-4010
DNA Markers	peqGOLD DNA Sizer II	5 x 50 µg	25-2060
	peqGOLD DNA Sizer III	5 x 50 µg	25-2070
	peqGOLD DNA Sizer XI	50 µg	25-2150
	peqGOLD DNA Sizer XII	50 µg	25-2160
	peqGOLD DNA Sizer XIII	50 µg	25-2170
	peqGOLD DNA Sizer XV	50 µg	25-2190
RNA Ladders	peqGOLD Low Range RNA Ladder	5 x 10 µg	26-1010
	peqGOLD Low Range RNA Ladder (ready-to-use)	5 x 40 µl	26-1110
	peqGOLD High Range RNA Ladder	5 x 10 µg	26-2010
	peqGOLD High Range RNA Ladder (ready-to-use)	5 x 40 µl	26-2110
Protein Markers	peqGOLD Protein Marker I	2 x 1 ml	27-1010
	peqGOLD Protein Marker II	2 x 0.25 ml	27-2010
	peqGOLD Protein Marker III	2 x 0.25 ml	27-1110
	peqGOLD Protein Marker IV	2 x 0.25 ml	27-2110
	peqGOLD Protein Marker V	2 x 0.25 ml	27-2210

Deutschland

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