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(<https://www.bioline.com/>).

HyperLadder™ 1kb

Ordering

Cat. No.	Size
BIO-33053	100 Lanes
BIO-33025	200 Lanes
BIO-33026	500 Lanes

ORDER ONLINE

*link will take you to our exclusive distribution partner site

Description

Ready-to-use molecular weight marker with higher intensity bands for easy orientation, used for size determination of nucleic acids from 200 bp to 10 kb.

Product Highlights

- Broad size range – 14 evenly distributed bands from 200 bp to 10 kb
- Easy to orientate – several brighter reference bands
- Stable – can be stored at room temperature for up to 6 months
- Supplied with loading dye – for loading sample DNA

Product Description

HyperLadder™ 1kb is our most popular molecular weight marker, composed of a restriction digest plus one or more PCR products, especially designed for easy size determination of linear double-stranded DNA fragments on 1% to 2% TAE or TBE agarose gels.

The 14 regularly spaced, easy to remember bands, ranging from 200 bp to 10,037 bp, with higher intensity reference bands at 1000 bp and 10,037 bp and a doublet band at 1500/1517 bp allow for easy identification and orientation of your band at a glance.

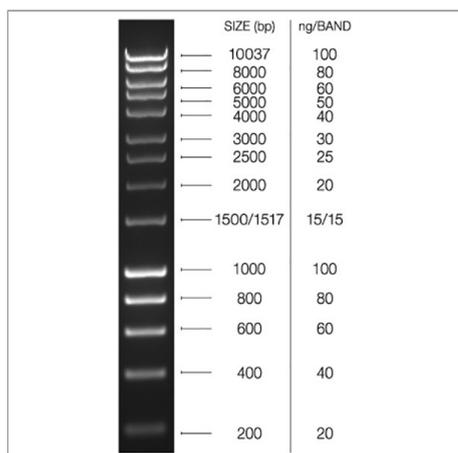
The ready-to-use format reduces handling steps and saves time; simply transfer HyperLadder 1kb from the vial to the gel. The approximate mass of DNA in each of the HyperLadder 1kb bands is provided for optionally determining the approximate mass of DNA in comparably intense samples of similar size. The HyperLadder 1kb is also supplied with a 5x loading dye for loading of sample DNA.

With a wide size range, HyperLadder 1kb is perfect for size determination in techniques such as sequence analysis, confirmation of plasmid construction and PCR products as well as Southern blotting and other downstream techniques.

REQUEST INFO

Applications

- Restriction fragment mapping
- Sequence analysis
- Confirmation of plasmid construction
- Detection of DNA polymorphisms
- Southern/Northern blotting
- Cloning





[HyperLadder Selection Chart](/ladder-selection-guide.html)
(</ladder-selection-guide.html>).



[Application Note](/downloads/dl/file/id/1279/hyperladder_application_note-all.pdf)
(/downloads/dl/file/id/1279/hyperladder_application_note-all.pdf),
HyperLadder™ 1kb

We've started building a collection of short written and video reviews that we share online with the research community. Would you like to share your experience of the HyperLadder as part of our new customer review program? To watch or read our reviews, to learn more about the rewards being offered, or to post your own review, please click here

(</reviews>).

Product Selection

Please refer to the [HyperLadder Selection Chart \(/ladder\)](/ladder) to confirm the HyperLadder 1kb is the most suitable kit for your application.

Related Products

[MyTaq DNA Polymerase Kits](/mytaq)
(</mytaq>).

[5x DNA Loading Buffer Blue](/5x-dna-loading-buffer-blue.html)
(</5x-dna-loading-buffer-blue.html>).

[ISOLATE II Plant DNA Kit](/isolate-ii-plant-dna-kit.html)
(</isolate-ii-plant-dna-kit.html>).

[Agarose](/agarose.html) (</agarose.html>).

[ISOLATE II Plasmid Mini Kit](/isolate-ii-plasmid-mini-kit.html)
(</isolate-ii-plasmid-mini-kit.html>).

[TRIsure](/trisure.html) (</trisure.html>).

[Agarose Tablets](/agarose-tablets.html) (</agarose-tablets.html>).

[ISOLATE II Blood DNA Kit](/isolate-ii-blood-dna-kit.html)
(</isolate-ii-blood-dna-kit.html>).

[ISOLATE II Genomic DNA Kit](/isolate-ii-genomic-dna-kit.html)
(</isolate-ii-genomic-dna-kit.html>).

Specification

Components

Reagent	200 Lanes	500 Lanes
HyperLadder™ 1kb	2 x 500 µL	5 x 500 µL
5x Sample Loading Buffer	1 mL	1 mL

Storage & Stability

All components are shipped at room temperature or on dry/blue ice and should be stored at -20°C upon receipt for optimum stability. Repeated freeze/thaw cycles should be avoided. When stored under the recommended conditions and handled correctly, full activity of the reagents is retained until the expiry date on the outer box label.

Components may also be stored at +4°C or room temperature if required, although storage at -20°C is always recommended.

When stored at +4°C, reagents will remain stable for a period of 12 months.

When stored at room temperature, reagents will remain stable 6 months from date of receipt.

Shipping conditions

Ambient temperature.

Resources

Documents

 [HyperLadder 1kb - Product Manual](https://www.bioline.com/mwdownloads/download/link/id/2672/)
(<https://www.bioline.com/mwdownloads/download/link/id/2672/>).

 [HyperLadder - Application Note](https://www.bioline.com/mwdownloads/download/link/id/1279/)
(<https://www.bioline.com/mwdownloads/download/link/id/1279/>).

 [Hyperladder - Fact Sheet](https://www.bioline.com/mwdownloads/download/link/id/4350/)
(<https://www.bioline.com/mwdownloads/download/link/id/4350/>).

 [HyperLadder 1kb - MSDS](https://www.bioline.com/mwdownloads/download/link/id/2870/)
(<https://www.bioline.com/mwdownloads/download/link/id/2870/>).

Latest Certification of Analysis (COAs)

 [BIO-33026 MW423-B114200](#)

(https://www.bioline.com/mwdownloads/download/link/id/7972//b/i/bio-33026_mw423-b114200.pdf).

Reviews

"I have recently used the HyperLadder 1kb DNA ladder as it is a cheaper ...

"

Cavan Bennett, Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia

FAQs

[What are the optimal conditions for running my ladder?](#)

[My ladder does not look as it should when I run it, what should I do?](#)

[Do I need to pre-treat my HyperLadder / EasyLadder prior to loading?](#)

[Do I need to add loading buffer to my Meridian marker to load it onto my gel?](#)

[Are your ladders suitable for use in Polyacrylamide Gel Electrophoresis \(PAGE\)?](#)

[We do not wish to stain our gels using EtBr, will other stains still resolve the HyperLadder / EasyLadder correctly?](#)

[What are the conditions of the gel image in the product insert?](#)

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PRODUCT SELECTION GUIDES

[qPCR and RT-qPCR \(/sensifast-real-time-pcr-reagents-selection-guide.html\)](#)

[End-point PCR \(/pcr-enzyme-selection-tool\)](#)

[Nucleic Acid Purification \(/isolate-ii-selection-guide.html\)](#)

[Molecular Weight Markers \(/ladder-selection-guide.html\)](#)

[NGS \(/ngs-selection-chart\)](#)

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COMPANY INFORMATION

[Environmental Commitment \(/environmental-sustainability.html\)](#).

[ISO Certification \(https://meridianlifescience.com/reg-quality\)](https://meridianlifescience.com/reg-quality).

[Privacy Policy \(/privacy-policy-cookie-restriction-mode\)](#).

[Trademarks \(/trademarks\)](#).