



**PCRBIOSYSTEMS**  
simplifying research

## PCRBIO Ladder II

[www.pcrbio.com](http://www.pcrbio.com)

### Product description

A combination of PCR products and restriction enzyme digested plasmids.

DNA amount of each band is provided based on loading 5  $\mu$ L per well.

PCRBIO ladder is ready to load, do not add 6x Sample Loading Buffer A to ladder.

### Specifications

PCR products and double-stranded DNA digested with appropriate restriction enzymes, are phenol extracted and equilibrated to 10 mM Tris-HCl (pH 8.0) and 10 mM EDTA.

Concentration: 100  $\mu$ g/mL

Recommended Load: 5  $\mu$ L/well. The ladder can be used as it arrives for gels stained with SYBR-derived dyes, while it should be diluted 1:10, in 1x Sample Loading Buffer A, for gels stained with GelRed-derived dyes.

Contains bromophenol blue & xylene cyanol FF as tracking dyes

### Quality control

PCR Biosystems operates under an ISO 13485 certified Quality Management System. Our products are extensively tested and undergo a comprehensive, multi-step quality control process according to ISO 13485 standards, to ensure optimum performance, consistency and traceability.

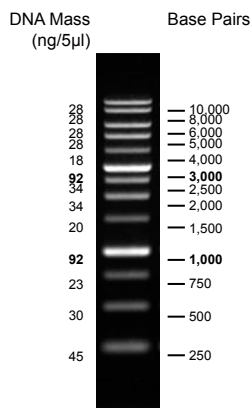
| Pack Size | PCRBIO Ladder   | 6x Sample Loading Buffer A |
|-----------|-----------------|----------------------------|
| 100 lanes | 1 x 500 $\mu$ L | 1 x 400 $\mu$ L            |
| 500 lanes | 5 x 500 $\mu$ L | 1 x 2 mL                   |

### Shipping and storage

Store at 25  $^{\circ}$ C for 6 months

Store at 4  $^{\circ}$ C for 12 months

Store between -30  $^{\circ}$ C and -20  $^{\circ}$ C until the indicated expiry date.



1 % TAE agarose gel

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**Product Use:** Unless we agree otherwise in writing, the Goods we supply are provided:

- For research purposes only and you should not use or rely on the Goods for diagnostic purposes. If you wish to use the Goods in a regulatory approved medical device, please contact us so that we may consider this and discuss it further with you.
- Subject to our standard terms and conditions found at <https://pcrbio.com/terms-conditions/>.