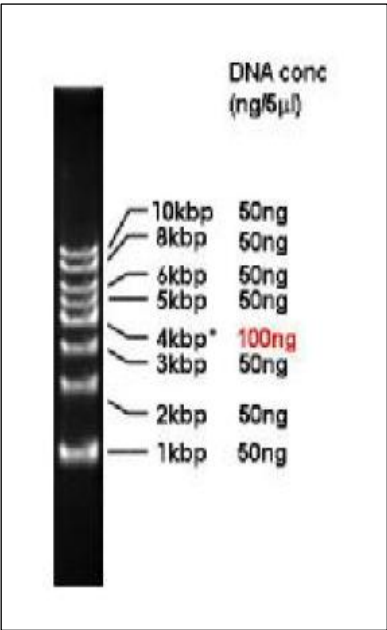


## DNA Size Marker, 1 kbp Ladders (1-10 kbp) Ready to use

|   |   |
|---|---|
| <b>Product code</b>   | 02-400  |
| <b>Size</b>   | 250 $\mu$ l   |
| <b>Storage</b>  | -20°C   |
| <b>Product Description</b>  | <p>The BioAcademia 1 kb DNA Ladder is suitable for sizing linear double-stranded DNA fragments from 1 kbp to 10 kbp. The 4 kb band has increased intensity to provide internal orientation. The mass of DNA in each band is provided (assuming a 0.45 <math>\mu</math>g/ 5 <math>\mu</math>l load) for approximate quantification in comparably intense samples of similar size.</p> <p><b>Recommended volume of application per lane : 5 <math>\mu</math>l</b></p> |
| <b>DNA ladders</b>  | 1, 2, 3, 4, 5, 6, 8, 10 kbp (8 bands, see Figure below)   |
| <b>Concentration</b>  | 0.45 $\mu$ g/ 5 $\mu$ l   |
| <b>Buffer</b>   | 10 mM Tris-HCl (pH 8.0), 1 mM EDTA  |
| <b>Application</b>  | <p>Figure. Electrophoretic pattern of 1 kbp DNA ladders on 1% agarose gel in TAE buffer. Five <math>\mu</math>l of the DNA ladder solution was applied.</p>   |
| <b>Related Product</b>  | 02-420 DNA Size Marker, 100 bp Ladders (100-1,500 bp)   |
| <p>Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.</p> |   |