

Product Datasheet

1kb ladder plus orb93616

Description	The number of bands in this product is 15. The 1kb ladder plus is ideal for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder consists of 15 linear double-stranded fragments. The 500bp and 3,000bp fragment are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 µl loading, all fragments except 500bp and 3,000bp are 40ng. The 500bp and 3,000bp fragment are 100ng. This ladder is pre-mixed with loading dye and is ready to use.
Tested Applications	PCR
Hazard Information	Non-Toxic
Target	DNA Ladder
Concentration	144 ng/µl
Storage	Store at 4 °C for 12 months. Aliquot and store at -20 °C for 24 months.
Note	For research use only.
Expiration Date	12 months from date of receipt.
Application Notes	Range: 100-10000 Experiment Notes: We recommend loading 2-5 ?/lane.